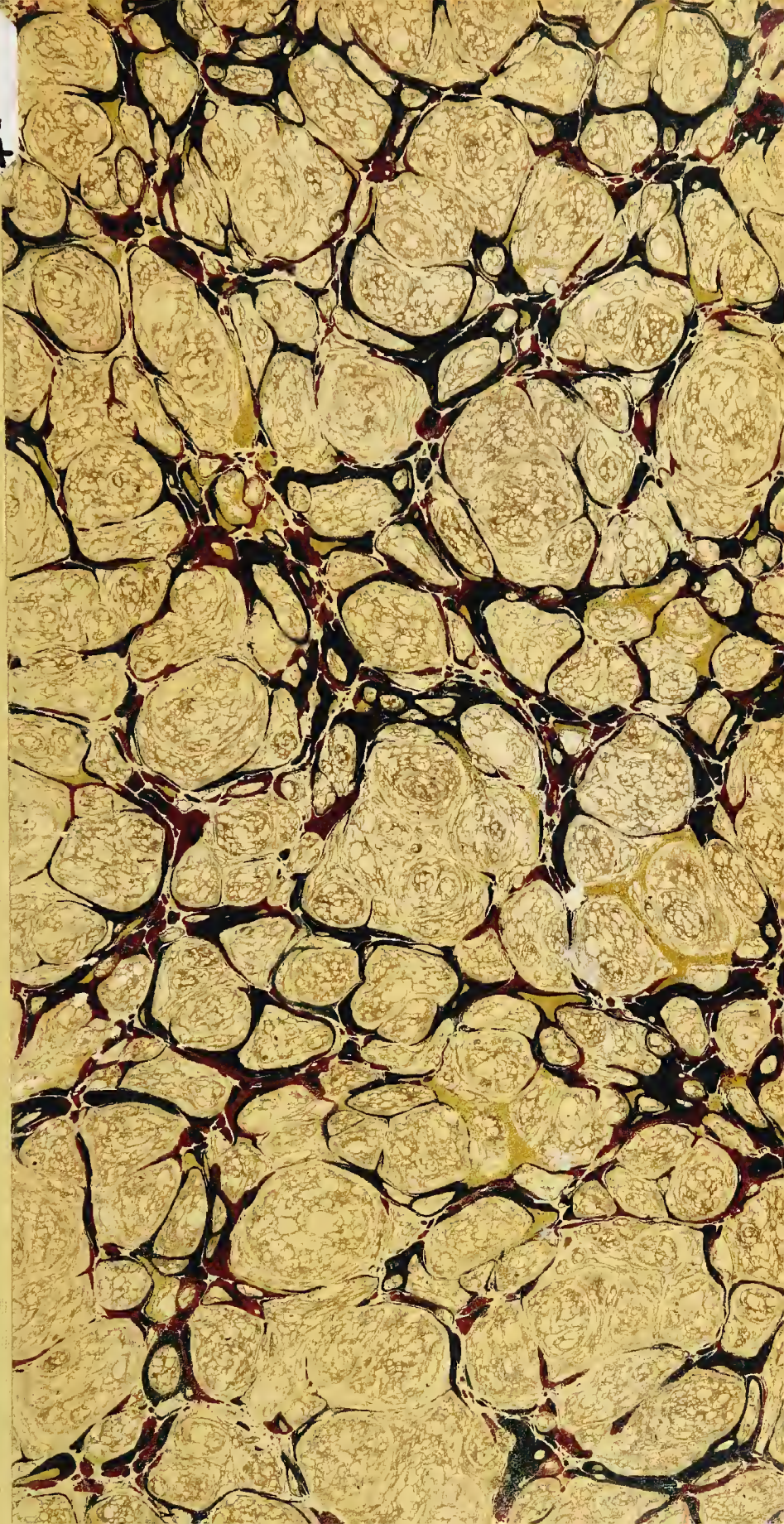


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MUSEUM OF PRACTICAL GEOLOGY  
AND GEOLOGICAL SURVEY.

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RECORDS  
OF THE  
SCHOOL OF MINES  
AND OF  
SCIENCE APPLIED TO THE ARTS.

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VOL. I. PART IV.

STATISTICS OF THE PRODUCE OF COPPER, TIN, LEAD,  
AND SILVER FROM THE MINES OF THE UNITED  
KINGDOM, WITH THE EXPORTS AND IMPORTS OF  
THESE METALS, FROM 1848 TO 1852 INCLUSIVE.

BY  
ROBERT HUNT,  
KEEPER OF MINING RECORDS.

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PUBLISHED BY ORDER OF THE LORDS COMMISSIONERS OF  
HER MAJESTY'S TREASURY.

LONDON:  
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VOL. I. PART IV.  
STATISTICS OF THE PRODUCE OF COPPER, TIN, LEAD,

MEMORANDUM.

*In each Table of the imports of Copper and re-exports, pp. 419, 428, 439, 450, 464, and 478, the word "MANUFACTURES" should be placed above the word "VALUE" in the last column.*

ERRATUM.

Page 419. For £ s. d. under Total in the last line read Tons. cwts. qrs.

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**1853.**



*Statistics of the Produce of Copper, Tin, Lead, and Silver  
from the Mines of the United Kingdom, with the  
Imports and Exports of these Metals, from 1848 to  
1852, inclusive.*

BY ROBERT HUNT,

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IN the *Memoirs of the Geological Survey of Great Britain*, Vol. 1, will be found a *Notice of the Copper and Tin raised in Cornwall*, and in Vol. 2, Part 2, a Series of Tables giving the Produce of Lead Ore and Lead from 1845 to 1847 both inclusive, the Produce of Copper from the Mines of Devon and Cornwall for the same Years, and of the Sales of Copper Ore at Swansea from the Year 1804 to 1847. The following Returns therefore are a continuation of these to the present time.

Since the value of any Statistical Returns must depend entirely on their correctness, it is thought necessary to state the sources through which the information has been obtained from which the following tables have been compiled.

COPPER. The ticketing papers, which are regularly published, of the sales in Cornwall and at Swansea have been used, but as a considerable quantity of copper ore is not

sold at public sales, the returns of the sales by private contract have been obtained from the Agents of the respective mines themselves and from the copper smelters, especially for this office; these have been added to the quantities sold by public sale.

**TIN.** With the exception of last year, when some of the mines published their sales of black tin or tin ore, the returns have been obtained principally from the tin smelters, who have afforded satisfactory replies to every inquiry. Several of the Agents of the tin mines have also furnished information of their produce, and it is hoped that a regular system of return from all the districts producing tin will shortly be arranged. Mr. Michael Williams and Mr. Thomas S. Bolitho have rendered much assistance in this division of the returns.

**LEAD.** The ticketing papers of the lead sales in Flintshire, although not published, are regularly obtained (by favour) for this office. In addition to the information thus secured, every lead producing district throughout the United Kingdom has been communicated with, and each individual mine of any consequence consulted as to its produce of lead ore and lead. The readiness with which the returns are furnished from the lead mines and from the lead smelters in all parts of the country now renders it no very difficult task to arrive at correct results.

**SILVER.** The system of obtaining the produce of silver has not yet been sufficiently organized to secure any very exact returns; a near approximation therefore is all that has been at present attempted. The practical acquaintance

possessed by Mr. John Taylor, has been of great value, and with the assistance rendered by Messrs. Walker and Co. has enabled me to approach to a tolerable degree of correctness.

The export and import tables have been compiled from the returns to the House of Commons.

1848.

**COPPER.**

COPPER ORES sold by PUBLIC TICKETINGS in CORNWALL and by PRIVATE CONTRACT during the year 1848.

Mines.	Ore.	Copper.			Amount.			Prod.
	Tons.	Tons.	cwts.	qrs. lbs.	£	s.	d.	
Devon Great Consols	16,374	1,684	3	0 0	93,418	6	0	10 $\frac{1}{4}$
Caru Brea -	10,432	1,051	3	1 18	62,641	7	0	10 $\frac{1}{16}$
Par Consols	8,470	914	8	1 1	53,253	19	0	10 $\frac{3}{4}$
Consolidated Mines - -	9,140	754	13	3 13	45,898	2	0	8 $\frac{1}{4}$
United Mines -	11,373	724	11	3 19	41,796	16	6	6 $\frac{3}{8}$
Fowey Consols -	6,015	568	2	2 19	32,146	6	0	9 $\frac{3}{8}$ $\frac{1}{16}$
Huel Seton -	5,483	433	14	2 5	26,496	16	6	7 $\frac{7}{8}$
North Roskear -	5,489	433	12	2 6	26,072	8	0	7 $\frac{7}{8}$
West Caradon	3,668	424	5	0 26	24,726	13	6	11 $\frac{1}{2}$ $\frac{1}{16}$
South Caradon -	3,473	373	7	3 20	21,836	13	0	10 $\frac{3}{4}$
North Pool	5,576	370	7	1 11	21,262	9	0	6 $\frac{5}{8}$
Huel Friendship (East) -	2,787	346	12	1 17	20,665	19	6	12 $\frac{3}{8}$ $\frac{1}{16}$
South Huel Francis	2,462	305	1	1 4	19,055	16	0	12 $\frac{5}{8}$
Tincroft - -	4,252	257	10	2 24	13,968	0	0	6 $\frac{1}{16}$
East Huel Crofty -	3,100	227	19	1 24	13,453	6	6	7 $\frac{3}{8}$
Tresavean - - -	3,723	227	11	3 20	12,910	17	6	6 $\frac{1}{8}$
Camborne Vean &c.	3,075	211	13	0 20	12,414	10	6	6 $\frac{7}{8}$
South Huel Basset	2,111	201	1	3 6	11,999	4	6	9 $\frac{1}{2}$
Levant -	1,776	177	12	1 6	9,857	3	0	10
Treviskey	1,909	156	18	0 13	9,386	4	6	8 $\frac{1}{8}$ $\frac{1}{16}$
Bedford United Mines -	1,314	129	11	1 17	7,471	7	6	9 $\frac{7}{8}$
Treleigh Consols	1,266	112	15	0 15	6,956	4	6	8 $\frac{7}{8}$
Perran Saint George	1,803	112	8	0 5	6,028	10	6	6 $\frac{1}{4}$
Tywarthaile	1,788	110	11	1 25	6,089	14	6	6 $\frac{1}{8}$ $\frac{1}{16}$
Huel Comfort - -	2,264	104	5	1 26	5,393	4	6	4 $\frac{5}{8}$
Condurrow	1,550	102	5	1 2	5,736	17	0	6 $\frac{1}{2}$ $\frac{1}{16}$
Dolcoath	1,254	95	2	1 10	5,587	16	0	7 $\frac{1}{2}$ $\frac{1}{16}$
South Roskear	1,095	87	19	2 12	5,312	17	0	8
Creegbraws - -	1,299	86	13	1 1	5,002	17	0	6 $\frac{5}{8}$ $\frac{1}{16}$
Poldice -	1,127	81	9	1 26	4,859	11	0	7 $\frac{1}{4}$
West Treasury -	944	78	11	2 6	4,648	2	6	8 $\frac{1}{4}$ $\frac{1}{16}$
Huel Prosper	1,372	72	15	0 14	4,185	16	0	5 $\frac{1}{4}$ $\frac{1}{16}$
Huel Bucketts -	1,069	68	7	2 1	4,004	3	0	6 $\frac{3}{8}$
Huel Agar -	997	66	4	1 27	3,749	11	0	6 $\frac{5}{8}$
Huel Mary Consols - -	721	66	1	2 27	3,702	6	0	9 $\frac{1}{8}$
Carried forward -	130,551	11,219	13	3 10	681,919	16	6	

Copper Ore sold by Public Ticketings, &c. in Cornwall—*continued*.

Mines.	Ore.	Copper.	Amount.	Prod.
	Tons.	Tons. cwt. qrs. lbs.	£ s. d.	
Brought forward	130,551	11,219 13 3 10	651,989 16 6	
East Pool - - -	1,088	64 16 3 5	3,550 6 0	57 $\frac{1}{8}$
Mark Valley - - -	1,209	61 0 2 17	3,295 18 6	5
Huel Ellen - - -	641	60 18 0 8	3,648 14 0	9 $\frac{1}{2}$
Grambler and St. Aubyn - - -	872	59 12 2 11	3,438 4 0	6 $\frac{3}{4}$ $\frac{1}{8}$
Huel Tremayne - - -	864	58 6 2 8	3,130 6 6	6 $\frac{3}{4}$
Huel Alfred Consols - - -	1,148	57 3 3 22	3,125 5 0	5
Trethellan - - -	1,015	51 12 2 18	2,749 13 6	5 $\frac{1}{8}$
Wellington Mines - - -	289	39 13 3 18	2,351 8 0	13 $\frac{3}{4}$
West Huel Jewell - - -	689	38 15 0 21	2,127 19 0	5 $\frac{5}{8}$
Huel Jewell - - -	495	37 2 2 22	2,278 15 0	7 $\frac{1}{2}$
Huel Andrew and Nargiles - - -	459	34 12 0 26	2,006 14 6	7 $\frac{1}{2}$
South Huel Fortune - - -	339	34 8 0 19	2,046 11 6	10 $\frac{1}{8}$
Holmbush - - -	398	33 11 3 20	1,926 0 0	8 $\frac{3}{8}$
Huel Sisters - - -	365	29 4 2 27	1,729 1 0	8
North Basset - - -	344	28 16 3 21	1,799 19 6	8 $\frac{3}{8}$
Huel Phoenix - - -	194	27 14 1 20	1,643 8 6	14 $\frac{1}{4}$
Charles-Town United - - -	208	26 6 2 5	1,528 8 0	12 $\frac{5}{8}$
South Tolgus - - -	367	26 6 1 19	1,516 1 0	7 $\frac{1}{8}$
Huel Henry - - -	311	24 16 2 1	1,469 16 0	8
Great Work - - -	143	23 8 2 1	1,438 0 0	16 $\frac{3}{8}$
Huel Mary - - -	270	21 7 1 7	1,225 12 6	7 $\frac{7}{8}$
West Huel Seaton - - -	236	18 19 1 12	1,095 10 0	8
Tresavean Barrier - - -	277	18 17 2 18	1,068 8 0	6 $\frac{3}{4}$ $\frac{1}{8}$
Huel Clifford - - -	305	17 12 1 5	949 18 6	5 $\frac{3}{4}$
Huel Rodney - - -	302	15 0 2 21	812 19 0	5
Huel Pink - - -	183	14 11 1 10	811 5 6	7 $\frac{7}{8}$ $\frac{1}{8}$
Huel Jane - - -	286	14 9 0 19	738 18 6	5 $\frac{1}{8}$
Huel Williams - - -	170	13 18 3 10	753 13 0	8 $\frac{1}{8}$ $\frac{1}{8}$
Gwinear Consols - - -	262	13 13 1 4	709 2 6	5 $\frac{1}{8}$ $\frac{1}{8}$
Huel Harriet - - -	281	13 12 1 27	724 13 6	4 $\frac{3}{4}$ $\frac{1}{8}$
Huel Maiden - - -	194	12 3 3 4	702 11 6	6 $\frac{1}{4}$
Redruth Consols - - -	212	10 8 3 15	567 0 0	4 $\frac{7}{8}$ $\frac{1}{8}$
West Fowey Consols - - -	109	9 15 0 0	534 19 6	8 $\frac{7}{8}$ $\frac{1}{8}$
Huel Gurlyn - - -	118	9 8 3 23	598 19 6	8
Huel Tryphena - - -	45	9 8 3 16	651 1 6	21
Gonamena - - -	75	9 7 2 16	566 12 6	12 $\frac{1}{4}$
Carried forward	145,314	12,260 18 3 22	711,301 11 6	

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Copper Ore sold by Public Ticketings, &c. in Cornwall—*continued.*

Mines.	Ore.	Copper.	Amount.			Prod.
	Tons.	Tons. cwt. qrs. lbs.	£	s.	d.	
Brought forward	145,314	12,260 18 3 22	711,301	11	6	
Huel Busy -	193	9 1 3 17	466	10	6	4 $\frac{3}{8}$
East Seton -	113	8 12 3 11	500	15	6	7 $\frac{5}{8}$
Huel Vyvian - - -	92	8 6 3 11	461	17	0	9 $\frac{1}{16}$
Great Michell Consols -	157	8 3 3 9	404	8	6	5 $\frac{1}{4}$
Huel Gorland -	105	8 3 1 25	509	1	0	7 $\frac{3}{8}$
Lanivet Consols -	133	8 1 2 3	409	16	6	5 $\frac{7}{8}$
Botallack - - -	75	7 0 1 14	370	15	0	9 $\frac{1}{4}$ $\frac{1}{16}$
Huel Prudence - -	114	5 18 3 0	297	1	0	5 $\frac{1}{4}$
Huel Brewer -	124	5 3 2 12	240	16	6	4 $\frac{3}{8}$ $\frac{1}{16}$
Sundries -	1,276	92 7 1 21	5,128	4	0	7 $\frac{1}{4}$
Total	147,701	12,421 19 2 5	720,090	17	0	Mean 8 $\frac{3}{8}$

COPPER ORE sold by PUBLIC TICKETING at SWANSEA in the year 1848, the sales by private contract, as far as they can be ascertained, being added.

Mines.	Ore.	Copper.	Amount.			Prod.
	Tons.	Tons. cwt. qrs. lbs.	£	s.	d.	
Cobre	17,564	3,019 1 2 5	192,389	0	0	17 $\frac{1}{4}$ $\frac{1}{16}$
Chili -	3,398	1,407 12 0 21	93,122	16	0	41 $\frac{3}{8}$
Burra Burra - - -	4,047	1,233 7 3 8	84,117	2	6	30 $\frac{3}{8}$
Cuba - - -	7,486	1,097 7 1 25	69,443	19	0	14 $\frac{3}{8}$
Bearhaven - - -	5,872	583 8 1 10	36,818	4	6	9 $\frac{1}{8}$ $\frac{1}{16}$
Knockmahon - - -	4,674	383 16 1 25	24,470	0	6	8 $\frac{1}{4}$
Copiapo - - -	765	206 6 2 3	14,136	16	6	27
Kapunda - - -	661	156 9 1 25	10,751	11	6	23 $\frac{3}{8}$
Santiago	716	119 3 2 4	7,538	16	6	16 $\frac{3}{8}$
Holyford - - -	302	73 18 1 9	5,465	2	6	24 $\frac{1}{2}$
Ballymurtagh - -	1,449	71 19 1 2	4,184	9	0	5
Recompensa - - -	460	55 19 1 26	3,050	14	0	12 $\frac{1}{8}$
Kanmantoo - - -	321	55 13 1 2	3,162	5	6	17 $\frac{1}{4}$ $\frac{1}{16}$
Princess Royal	196	55 3 2 12	4,066	10	6	28 $\frac{1}{8}$
Montacute - - -	93	19 13 2 4	1,247	2	0	21 $\frac{1}{8}$ $\frac{1}{16}$
Paringa	82	18 0 3 5	1,016	16	0	22
Lackamore - - -	152	17 13 1 8	1,164	12	6	11 $\frac{5}{8}$
New Zealand - - -	121	13 19 1 16	900	8	0	11 $\frac{1}{2}$
Cronebane - - -	137	8 12 0 5	532	9	0	6 $\frac{1}{4}$
Adelaide - - -	33	8 3 1 11	549	9	0	24 $\frac{3}{8}$ $\frac{1}{16}$
Australia - - -	40	7 16 0 0	501	0	0	19 $\frac{1}{2}$
Aberdovey - - -	66	7 13 3 27	520	6	0	11 $\frac{1}{8}$
Cantabra - - -	43	6 12 1 27	511	15	6	15 $\frac{1}{4}$ $\frac{1}{16}$
Caridad - - -	20	5 7 0 0	417	10	0	26 $\frac{3}{4}$
Sundries - - -	665	39 18 3 25	2,339	14	6	6
Total -	49,363	8,672 18 0 15	562,418	11	0	Mean 17 $\frac{1}{2}$ $\frac{1}{16}$

## COPPER imported into the United Kingdom in 1848.

Ore.	Regulus.	Cast Copper.	Old Copper.	Bars, Rods, &c.	Plates, Coins.	Value.
Tons. cwt. 50,053 2	Tons. cwt. 124 2	Tons. cwt. 512 15	Tons. cwt. 153 16	Tons. cwt. 1,074 2	Tons. cwt. 9 0	£ s. d. 9,200 9 5

Of this Imported Copper the following places furnished the largest Quantities.

	Ore.	Regulus.	Cast Copper.	Bars and Rod.
	Tons. cwt.	Tons. cwt.	Tons. cwt.	Tons. cwt.
South Australia - - -	7,783 14	—	—	—
New South Wales - - -	3,688 19	—	—	—
Van Dieman's Land - - -	543 13	—	—	—
New Zealand - - -	70 0	—	—	—
Cuba - - -	30,679 0	—	—	—
Chili - - -	4,503 0	124 5	121 18	967 19
Peru - - -	1,882 0	—	—	—
Western Coast of Africa -	101 0	—	—	—
France - - -	45 6	- -	94 0	—
Spain - - -	120 0	—	—	—
Italy - - -	126 0	—	—	—
China - - -	388 0	—	—	—

Of this Quantity there was re-exported—

Ore.	Bricks, Pigs, &c.	Old Copper.	Bars, Rods, &c.	Value.
Tons. cwt. qrs. lbs.	Tons. cwt. qrs. lbs.	Tons. cwt. qrs. lbs.	Tons. cwt. qrs. lbs.	£ s. d.
320 11 3 4	186 5 2 21	38 19 2 16	125 0 0 26	6,011 0 0

## BRITISH COPPER exported.

Bricks and Pigs.	Coin.	Sheet, Nails, Yellow Metal.	Wire.	Wrought Copper of other Sorts.	Total.
Tons. cwt. 4,261 5	Tons. cwt. 21 12	Tons. cwt. 8,947 7	Tons. cwt. 16 11	Tons. cwt. 219 12	£ s. d. 13,466 8 0

**TIN.**

PRODUCE OF TIN ORE in CORNWALL and DEVON in 1848.

10,176 Tons.

In the Ten Years preceding the 1st January 1849 the TIN and TIN ORE exported to Foreign Parts was as follows :—

	Penzance.	St. Ives.	Truro.	Fowey.	TOTAL.
	Cwts. qrs.	Cwts. qrs.	Cwts. qrs.	Cwts.	Cwts. qrs.
1839	1,657 2	1,804 4	4,246 3	70	7,779 1
1840	5,904 1	1,753 0	6,156 3	- - -	13,814 1
1841	3,719 1	240 0	1,480 0	- - -	5,439 2
1842	7,236 1	6,277 0	6,390 0	- - -	19,904 2
1843	2,592 0	2,829 0	2,731 0	- - -	8,152 4
1844	1,202 2	1,000 0	5,324 0	-	7,527 1
1845	442 0	1,461 0	- -	- -	1,903 2
1846	2,803 0	3,267 0	- -	- - -	6,070 1
1847	1,543 0	3,250 0	800 0	-	5,594 0
1848	1,571 0	200 0	-	- - -	1,771 0

## TOTAL of TIN exported in 1848.

			Tons.	cwts.	qrs.	lbs.
Foreign Tin	-	-	417	0	2	4
British Tin	-	-	1,771	5	3	10

## TIN imported in 1848.

			Tin.	Tin Ore.
			Tons. cwts.	Tons. cwts.
From Holland	-	-	73 19	—
„ Belgium	-	-	26 11	—
„ France	-	-	-	33 13
„ Spain	-	-	21 3	—
„ Cape of Good Hope	-	-	0 18	—
„ East Indies	-	-	7 7	—
„ Singapore	-	-	136 3	—
„ China	-	-	14 11	—
„ Peru	-	-	18 0	—
Total Import	-	-	298 15	33 13

## LEAD.

PRODUCE OF LEAD ORE and LEAD in the UNITED KINGDOM for the Year 1848.

Total of Lead.	County.	Mines.	Lead Ore Returns.	Lead Returns.	Tons of Lead.
Tons.			Tons.	Tons.	
6,614	Cornwall - -	ENGLAND.			
		Callington - -	957	632	6,614
		Huel Mary Ann - -	334	250	
		Huel Trelawney - -	413	298	
		Huel Trehane - -	422	279	
		Herodsecombe - -	—	—	
		Herodsfoot - -	721	570	
		East Huel Rose - -	5,333	3,191	
		North Huel Rose - -	80	49	
		Cargol - -	964	577	
		Oxams - -	470	288	
		Huel Rose - -	399	239	
		Cubert - -	68	41	
		Holmbush - -	154	90	
		Leman - -	—	—	
		Great Callestock Moors - -	—	—	844
		Huel Concord - -	—	—	
		Callestock - -	179	110	
844	Devonshire - -	Tamar - -	1,022	631	
		Huel Adams - -	56	30	844
		East Tamar Consols - -	237	173	
		Huel Friendship - -	9	5	
		Huel Betsey - -	6	3	
		Lydford Consols - -	4	2	4,264
5,684	Cumberland - -	Rampgill - -	424	282	
		Sealeburn - -	238	156	
		Carrs and Hanging Shaw - -	146	97	
		Capel Cleugh - -	139	92	
		Small Cleugh - -	31	21	
		Middle Cleugh - -	30	20	
		Guddamgill - -	50	33	
		Long Cleugh - -	1,664	1,142	
		Browngill - -	603	400	
		Bentyfields Veins - -	35	21	
		Cowperdyke Heads - -	14	9	
		Brigalburn Veins - -	244	162	
		Brownley Hill Veins - -	227	143	
	Alston Moor Mines.	Bentyfield Sun. V. E. End. - -	119	80	
		Blagill Veins - -	76	51	
		Carrs West of Nent Vein - -	39	26	
		Grass Fields Veins - -	31	20	
		Galligill Syke Veins - -	176	117	
		Galligill Burn - -	24	16	
		Hudgill Burn - -	188	120	
		Holyfields Veins - -	58	38	
		Wellgill Cross Vein - -	98	66	
		Rodderup Cleugh West End - -	1,470	980	
		Tyne Bottom Veins - -	80	54	
		Park Grove Sun Vein - -	21	14	
		Low Birchy Pank - -	19	12	
		Dowkeburn West End - -	95	63	
		Sundry Mines under 10 tons - -	44	29	
13,142	Carried forward.		18,211	11,722	

Produce of Lead Ore and Lead in the United Kingdom for the Year 1848—*continued*.

Total of Lead.	County.	Mines.	Lead Ore Returns.	Lead Returns.	Tons of Lead.
Tons. 13,142	Brought forward.		Tons. 18,211	Tons. 11,722	
	Cumberland— <i>cont.</i>	Roughtingill - -	—	—	1,420
		Driggrith Beck Waste - -	30	15	
		Dry Gill Mine - -	40	27	
		Cumberland - -	—	—	
		Greensides - -	1,560	1,200	
		Woodend - -	36	24	
		Force Cragg - -	43	32	
		Keswick Mine - -	20	14	
		Slaty Syke - -	47	35	
	Tynehead Mines.	Calvert - -	11	6	
		Dozey - -	13	9	
		Slow Craigh - -	25	16	
		Crossfell Mines - -	44	30	
		Sundry Mines under 10 tons - -	20	12	
14,658	{ Durham and Northumberland }	East and West Allendale and Weardale - -	13,230	9,080	14,658
		Teesdale Mines - -	3,327	2,490	
		Yarnberry - -	100	75	
		Silver Tongue - -	139	95	
		Derwent Mines - -	1,480	1,046	
		Stanhope Burn - -	220	160	
		Hollywell - -	67	48	
		Lane Head - -	24	17	
		Aller Gill - -	12	8	
		Bollihope - -	13	9	
		Fallowfield - -	61	45	
		Whitfield - -	142	105	
388	Westmoreland	Dufton and Silverband - -	246	184	388
		Hilton and Marton - -	273	204	
3,370	Derbyshire	Sundry Mines - -	5,185	3,370	3,370
2,762	Shropshire -	Snailbeach - -	3,463	2,436	2,762
		White Grit and Batholes - -	506	239	
		Bog Mine - -	139	72	
		Pennerley - -	22	15	
		Round Hills - -	—	—	
29	Somersetshire -	Mendip Hills - -	41	29	29
4,793	Yorkshire -	Swale Dale and Arkendale - -	4,053	3,040	4,793
		Cononley - -	699	437	
		Grassington, including Yarnbury and Coal-grove Beck - -	1,159	707	
		Pateley District - -	937	609	
39,142	Carried forward.	Total - -	54,538	39,142	

Produce of Lead Ore and Lead in the United Kingdom for the Year 1848—*continued.*

Total of Lead.	County.	Mines.	Lead Ore Returns.	Lead Returns.	Tons of Lead.
Tons.			Tons.	Tons.	
39,142	Brought forward.	WALES.			
3,180	Cardiganshire -	Lisburne Mines - -	2,454	1,624	3,180
		Cwm-ystwytth - -	120	71	
		Esgair-hir - -	116	70	
		Cwm-sebon - -	31	17	
		Llanfair - -	80	53	
		Goginan - -	1,238	816	
		Gogerddan Mines - -	243	162	
		Nanty-y-creiau - -	17	10	
		Pen-y-bont-pren - -	38	22	
		Cefn-cwm-brwyno - -	36	24	
		Llwyn-malys - -	51	33	
		Bwlch-cwm-erfin - -	40	26	
		Bwlch-Consols - -	289	192	
		Nanteos - -	50	30	
		Aberystwith (small mines)	20	10	
		Llanymaron - -	11	5	
		Llanbadarn - -	33	18	
		Bron-berllan - -	15	7	
14	Carnarvonshire -	Llanrwst - -	—	—	14
		Penrhyn-du - -	21	14	
204	Carmarthenshire	Nant y Mwyn - -	307	204	204
	Denbighshire -	Llangollen - -	—	—	
7,069	Fliutshire	Talargoch { Maes-yr-erwddu } Coetia Clys	1,500	980	7,069
		Fronfownog - -	1,695	1,168	
		Hendre - -	1,040	838	
		Longley - -	—	—	
		Maes-y-safn - -	1,138	824	
		Pen-yr-henblas - -	1,160	819	
		Mold Mines - -	219	153	
		Long Rake - -	39	21	
		Milwr - -	117	81	
		Penybryn - -	—	—	
		Dingle and Deep Level -	887	643	
		Parry's Mine - -	21	15	
		Trelogan - -	15	10	
		Westminster Mines -	659	451	
		Halkin Hall - -	39	26	
		Garreg-y-boeth - -	6	4	
		Afongoch - -	—	—	
		Bodelwyddan - -	106	69	
		Belgrave - -	375	261	
		Bryng-gwyrwg - -	11	7	
		Holywell - -	—	—	
		Jamaica - -	835	599	
		Bwlch-y-ddaufryn - -	20	16	
		Marion - -	—	—	
		Gwern-y-mynydd - -	18	13	
		Mostyn - -	13	8	
		Bagillt (ore sold at) -	46	20	
		Billings - -	45	20	
		Caelanyeraig - -	14	7	
		Mostyn - -	12	5	
		Clwtmilitia - -	26	11	
49,609	Carried forward		15,286	10,467	

Produce of Lead Ore and Lead in the United Kingdom for the Year 1848—*continued.*

Total of Lead.	County.	Mines.	Lead Ore Returns.	Lead Returns.	Tons of Lead.
Tons. 49,609	Brought forward.		Tons. 15,286	Tons. 10,467	
601	Montgomeryshire	Llangynnog - Cae-conroy Rhos-wydol - Dwn-gwm or Dyfnwgwm - Craig-Rhiwarth Bryndail and Pen-y-clyn - Gorn - Machynlleth, including Delife Nantmelyn - Frontballan	51 33 26 13 27 155 43 545 19 15	31 20 15 9 16 100 30 360 13 7	601
54	Merionethshire -	Barmouth (port of) - Cowarch - Tyddinglwadus -	- 74 18	- 42 12	54
			16,305	11,122	
		IRELAND.			
	Clare -	Kilbricken - Ballyhicky -	- -	- -	
545	Down -	Newtownards - Conlig -	616 314	366 179	545
202	Tipperary	Shallee -	340	202	202
	Monaghan	Bond and Newry	-	-	
325	Wicklow	Glenmalure - Luganure	45 422	30 295	325
116	Waterford -	Barristown -	175	116	116
		Total -	1,912	1,188	
		SCOTLAND.			
376	Ayrshire -	Woodhead - Afton Lead Mines -	450 80	320 56	376
141	Argyleshire	Strontion Mines	236	141	141
369	Dumbartonshire Kircudbrightshire	Dumbarton - Caernsmore - Cairnsphairn Black Craig - Lead Hills Mine - Wanlock head -	- 476 - 86 300 960	- 311 - 58 200 650	369
200	Lanarkshire -				200
650	Dumfriesshire -				650
		Total -	2,588	1,736	
		ISLE OF MAN.			
1,665	Isle of Man	Foxdale Mines, including Peel's Shipment, &c. - Laxey - Douglas - Mona -	1,566 695 260 -	1,034 461 170 -	
54,853		Total	2,521	1,665	

TABLE showing the TOTAL QUANTITY of LEAD ORE raised and LEAD smelted in the United Kingdom in 1848.

				Lead Ore.	Lead.
				Tons.	Tons.
England	-	-	-	54,588	39,142
Wales	-	-	-	16,305	11,122
Ireland	-	-	-	1,912	1,188
Scotland	-	-	-	2,588	1,736
Isle of Man	-	-	-	2,521	1,665
Total	-	-	-	77,864	54,853

LEAD ORE and LEAD Imported and Exported in 1848.

		IMPORTED.			
Lead Ore.				Lead.	
Tons.				Tons.	
1,298	Pig and Sheet	-	-	-	3,788
	Retained for home consumption			-	2,157
		EXPORTED.			
135	Pig and Rolled Lead	-	-	-	4,977
	Shot	-	-	-	1,151
	Litharge, Red and White Lead				2,292
	Foreign Lead, in sheet and pig			-	3,747

The Welsh Sales include also the following ores :—

				Tons.
Australian	-			69
Belgian	-	-		85
German	-	-		44
Portugal	-			79
Prussian	-	-		112
Sardinian	-	-		112

1849.

**COPPER.**

**COPPER ORES** sold by **PUBLIC TICKETINGS** and by **PRIVATE CONTRACT** in  
**CORNWALL** during the year 1849.

Mines.	Ore.	Copper.			Amount.			Prod.
		Tons.	Tons.	cwts. qrs. lbs.	£	s.	d.	
Devon Great Consols		15,777	1,508	12 1 0	96,934	13	0	9½ 1/8
Carnbrea - - -		10,086	986	1 1 17	66,632	6	6	9½
United Mines - - -		12,228	736	9 2 2	47,249	1	0	6
Par Consols - - -		7,372	663	13 3 2	43,102	10	0	9
Consolidated Mines		7,906	626	5 2 23	41,863	19	6	7½ 1/8
Fowey Consols - - -		6,302	564	0 0 5	36,449	5	6	8½ 1/8
West Caradon - - -		3,966	439	13 2 11	29,872	19	6	11½ 1/8
North Pool - - -		6,447	433	0 1 8	27,717	1	0	6½ 1/8
North Roskear - - -		5,660	420	4 1 16	26,756	4	0	7½ 1/8
Huel Seton - - -		4,953	333	7 2 11	21,577	5	0	6½
South Basset - - -		3,188	322	5 2 9	22,117	8	6	10½
South Caradon - - -		2,965	304	16 0 3	20,508	7	0	10½
Tywarnhaile - - -		4,721	293	3 0 23	18,718	0	6	6½ 1/8
Tincroft - - -		4,765	281	13 3 4	17,051	14	6	5½ 1/8
Huel Friendship - - -		2,484	275	18 0 19	18,988	11	6	11½
South Huel Francis - - -		1,844	246	18 0 25	17,448	16	6	13½
Trevisky - - -		2,421	232	6 0 9	15,849	10	0	9½ 1/8
East Huel Crofty - - -		3,217	230	13 3 15	14,541	13	6	7½ 1/8
Tresavean - - -		3,334	184	7 2 24	11,484	3	0	5½
Camborne Vean - - -		2,775	180	6 1 23	11,495	15	0	6½
Levant - - -		1,904	170	18 2 17	10,972	13	6	9
Bedford United Mines		1,415	148	12 3 2	10,150	16	6	10½
Huel Comfort - - -		3,084	128	9 2 21	7,405	0	0	4½ 1/8
West Buller - - -		1,165	125	8 0 20	8,968	2	0	10½
Condurrow - - -		1,493	115	19 3 14	7,647	15	0	7½
Treleigh Consols - - -		1,254	102	11 0 16	6,872	19	0	8½ 1/8
West Treasury - - -		1,362	101	17 0 24	6,897	7	0	7½
Huel Agar - - -		1,493	91	9 0 23	5,894	17	0	6½
Huel Mary - - -		1,197	86	8 0 26	5,670	15	6	7½
Huel Tremayne - - -		1,646	85	4 1 1	5,030	18	0	5½ 1/8
South Tolgus - - -		962	83	6 2 10	5,671	8	0	5½ 1/8
Perran Saint George - - -		828	78	4 3 16	5,196	16	0	9½ 1/8
Dolcoath - - -		1,028	77	10 0 21	5,197	7	6	7½ 1/8
East Pool - - -		1,136	66	17 1 26	4,138	8	0	5½
Mark Valley - - -		1,359	66	7 0 16	4,182	16	6	4½
Wellington Mines - - -		672	62	5 2 10	4,253	12	0	9½
West Huel Seaton - - -		739	58	19 1 7	3,981	4	6	8
South Roskear - - -		877	56	3 3 11	3,588	1	0	6½ 1/8
Poldice - - -		791	55	0 0 16	3,699	16	0	6½ 1/8
Trethellan - - -		1,287	54	17 1 16	3,132	8	0	4½
Creegbraws - - -		747	53	6 2 16	3,371	7	6	7½
Huel Mary Consols - - -		656	49	19 3 7	3,081	19	0	7½
West Fowey Consols - - -		459	41	9 1 26	2,810	9	0	9
Holmbush - - -		454	36	3 3 4	2,356	3	0	8
Huel Ellen - - -		403	35	4 0 8	2,284	14	0	8½
Huel Henry - - -		338	28	9 2 21	1,855	9	6	8½
Grambler and St. Aubyn - - -		398	28	7 0 9	1,827	15	6	7½
Charlestown United - - -		255	26	19 2 27	1,840	2	0	10½ 1/8
West Huel Jewell - - -		400	25	0 0 13	1,617	3	6	6½
Sout Huel Fortune - - -		238	24	2 2 27	1,610	4	0	10½
Huel Pink - - -		354	24	1 2 6	1,562	10	0	6½ 1/8
Huel Vyvian - - -		237	15	2 0 25	887	14	0	6½
Carried forward - - -		143,042	11,468	16. 1 23	750,017	17	0	

Copper Ore sold by Public Tickets, &c. in Cornwall—*continued*.

Mines.	Ore.	Copper.	Amount.	Prod.
	Tons.	Tons. cwt. qrs. lbs.	£ s. d.	
Brought forward	143,042	11,468 16 1 23	750,017 17 0	
Huel Phoenix	150	13 16 0 0	962 0 6	9 $\frac{1}{8}$ $\frac{1}{8}$
West Trethellan	239	12 17 0 16	826 2 6	5 $\frac{3}{8}$
South Crinnis	156	12 13 0 5	817 17 6	8 $\frac{1}{8}$
Huel Alfred Consols	256	12 1 2 26	687 9 0	4 $\frac{3}{8}$
Huel Maiden	171	11 3 1 22	742 4 6	6 $\frac{1}{2}$
Huel Bucketts	189	10 7 3 19	630 14 6	5 $\frac{1}{2}$
Huel Busy	208	9 15 1 10	579 12 6	4 $\frac{3}{8}$ $\frac{1}{8}$
Great Work	95	9 12 3 16	650 0 0	10 $\frac{1}{2}$ $\frac{1}{8}$
Huel Penhale	96	8 4 2 22	569 17 0	8 $\frac{1}{2}$ $\frac{1}{8}$
Huel Prudence	164	8 2 1 11	423 15 6	4 $\frac{3}{8}$ $\frac{1}{8}$
Huel Jewell	100	6 16 0 20	486 14 0	6 $\frac{3}{8}$ $\frac{1}{8}$
Polberro	35	5 17 1 0	416 10 0	16 $\frac{5}{8}$ $\frac{1}{8}$
Huel Prosper	115	5 6 1 2	294 9 0	4 $\frac{3}{8}$
Sundries	1,310	88 2 1 26	5,559 15 6	6 $\frac{3}{8}$ $\frac{1}{8}$
Total	146,326	11,683 13 0 22	763,614 19 0	Mean 8

COPPER ORE sold by PUBLIC TICKETINGS in SWANSEA in the year 1849,  
and by PRIVATE SALES.

Mines.	Ore.	Copper.	Amount.	Prod.
	Tons.	Tons. cwt. qrs. lbs.	£ s. d.	
Cobre	19,409	3,336 3 2 21	247,618 16 6	17 $\frac{1}{8}$ $\frac{1}{8}$
Burra Burra	7,233	2,123 2 2 12	159,597 11 0	29 $\frac{1}{4}$ $\frac{1}{8}$
Bearhaven	5,812	607 2 3 30	45,868 16 0	10 $\frac{3}{8}$ $\frac{1}{8}$
Cuba	2,697	421 17 0 5	31,380 8 0	15 $\frac{5}{8}$
Knockmahon	2,787	247 1 0 25	18,046 3 0	8 $\frac{5}{8}$
Santiago	1,518	236 9 2 0	18,601 16 0	15 $\frac{1}{2}$ $\frac{1}{8}$
Copiapo	710	196 16 3 1	15,498 14 0	27 $\frac{3}{4}$
Chili	213	64 6 0 12	5,267 16 6	30 $\frac{1}{8}$ $\frac{1}{8}$
Kapunda	266	59 7 1 26	4,708 5 0	22 $\frac{1}{4}$ $\frac{1}{8}$
Ballymurtagh	1,059	56 3 2 7	3,885 8 6	5 $\frac{1}{4}$ $\frac{1}{8}$
Kawaw	307	43 17 2 27	3,111 11 0	14 $\frac{1}{4}$ $\frac{1}{8}$
Havana	209	39 1 1 10	3,188 11 6	18 $\frac{5}{8}$ $\frac{1}{8}$
Giburra	151	19 4 0 1	1,539 2 0	12 $\frac{3}{4}$
Cabral	96	12 17 2 11	1,133 12 0	13 $\frac{3}{8}$ $\frac{1}{8}$
Lackamore	114	10 3 2 7	745 6 0	8 $\frac{5}{8}$ $\frac{1}{8}$
Aberdovey	101	9 15 0 20	733 13 6	9 $\frac{5}{8}$
Guildford Slag	113	8 16 2 21	596 13 6	7 $\frac{3}{4}$ $\frac{1}{8}$
Forest Slag	156	5 17 2 27	356 6 0	3 $\frac{3}{4}$
Sundries	637	41 18 0 21	2,707 6 0	6 $\frac{1}{2}$ $\frac{1}{8}$
Total	43,593	7,540 2 3 22	564,585 16 0	Mean 17 $\frac{1}{4}$ $\frac{1}{8}$

## COPPER imported into the United Kingdom in 1849.

Ore.	Regulus.	Cast Copper.	Old Copper.	Bars, Rods.	Plates and Coin.	Value.
Tons. cwts. 46,237 0	Tons. cwts. 1,196 4	Tons. cwts. 667 12	Tons. cwts. 228 4	Tons. cwts. 1,922 15	Tons. cwts. 18 6	£ s. d. 25,338 11 10

Of this Imported Copper the following countries furnished the largest quantities.

	Ore.	Regulus.	Cast Copper.	Bars and Rods.
	Tons. cwts. 13,753 4	Tons. cwts. 323 7	Tons. cwts. 1 10	Tons. cwts. —
South Australia - - -	13,753 4	323 7	1 10	—
New South Wales	2,166 0	323 7	—	—
Van Dieman's Land - - -	454 17	- - -	- - -	2 0
New Zealand - - -	—	—	—	—
Cuba - - -	24,765 9	—	—	—
Chili - - -	3,449 17	580 19	461 15	1,189 4
Peru - - -	1,160 0	- - -	98 18	21 3
West Coast of Africa - -	36 5	—	—	—
France - - -	29 16	182 10	0 3	—
Spain - - -	112 2	—	—	—
Italy - - -	91 12	- - -	- - -	9 18
China - - -	—	—	—	—

Of this quantity there was re-exported—

Ore.	Bricks and Pigs.	Old Copper.	Bars, Rods, &c.	Value.
Tons. cwts. qrs. lbs. 712 9 1 27	Tons. cwts. qrs. lbs. 196 3 2 17	Tons. cwts. qrs. lbs. 60 19 2 1	Tons. cwts. qrs. 440 3 2	£ s. d. 21,307 0 0

## BRITISH COPPER exported.

Bricks and Pigs.	Coins.	Sheets, Nails, Yellow Metal.	Wire.	Wrought Copper of other Sorts.	Total.
Tons. cwts. 7,349 16	Tons. cwts. 9 19	Tons. cwts. 12,826 17	Tons. cwts. 25 14	Tons. cwts. 267 14	Tons. cwts. 20,480 3

**TIN.**

**PRODUCE OF TIN ORE in DEVON and CORNWALL in 1849 :**  
**10,719 Tons.**

**TIN imported in 1849.**

	Tin.		Tin Ore.	
	Tons. cwts.		Tons. cwts.	
From Holland - -	104	6	0	10
„ France - -	-	-	6	10
„ Portugal - -	-	-	0	2
„ Spain - -	31	9	—	
„ East Indies (exclusive of Singapore.)	294	15	—	
„ Singapore - -	1,145	4	—	
„ China - -	195	12	—	
„ Chili - -	2	1	—	
„ Peru - -	17	15	—	
Total -	1,791	2	7	2

**TIN exported in 1849.**

	Tin.		
	Tons. cwts. qrs. lbs.		
Foreign Tin - -	446	19	3 18
British Tin - -	1,764	12	0 5

## LEAD.

PRODUCE OF LEAD ORE and LEAD in the UNITED KINGDOM for the Year 1849.

Total of Lead. Counties.	County.	Mines.	Lead Ore Returns.	Lead Returns.	Tons of Lead. Districts.
		ENGLAND.	Tons. cwt.	Tons. cwt.	
6,733'0	Cornwall	Callington -	625 0	422 0	
		Huel Mary Ann -	873 0	655 0	
		Huel Trelawney -	1,296 11	934 0	
		Huel Trehane -	459 12	290 0	
		Tregorden -	28 16	20 0	
		Herodszoombe -	-	-	
		Herodsfot -	1,050 0	830 0	
		East Huel Rose -	4,758 15	2,856 0	
		Huel Penhale -	50 0	35 0	
		Huel Golden -	80 0	56 0	
		North Huel Rose -	75 14	46 0	
		Cargol -	505 3	303 0	
		Oxnams -	269 5	164 0	
		Huel Rose -	107 0	70 0	
		Cubert -	-	-	
		Holmbush -	102 0	61 0	
		Leman -	-	-	
		Great Callestock Moors -	-	-	
		Huel Concord -	-	-	
		Callestock -	-	-	
1,172'0	Devonshire	Carthew Consols -	45 0	31 0	
		Tamar -	1,106 0	636 0	
		Huel Adams -	382 0	210 0	
		East Tamar Consols -	336 0	290 0	
		Huel Friendship -	5 0	3 0	
		Lydford Consols -	-	-	
7,178'7	Cumberland	South Tamar Consols -	176 0	123 0	
		Brownhill -	582 18	407 0	
		Rampgill -	418 10	292 0	
		Scaleburn -	169 17	119 0	
		Carrs and Hanging Shaw -	174 7	122 0	
		Capel Clengh -	400 16	280 0	
	Governor and Company Mines	Small Clengh -	35 1	24 0	
		Middle Clengh -	47 7	33 0	
		Gnuddamgill -	46 0	32 0	
		Long Cleugh -	2,224 10	1,554 0	
		Bentyfield Sun Vein -	26 18	18 0	
		Cowperdyke Heads -	80 18	56 0	
		Cowhill -	4 10	2 0	
		Bentyfield Sun. S. E. End -	105 0	73 0	
		Brigal Burn -	209 6	146 0	
		Brownley Hill -	252 0	176 1	
		Blagill Vein -	63 6	46 0	
		Carrs West of Nent Vein -	30 4	21 0	
		Black Syke -	18 12	12 0	
		Hudgill Burn -	14 0	10 0	
		Fore Shield -	24 5	17 0	
	Alston Mines	Farnbury Vein -	28 19	20 1	
		Grassfield -	34 17	23 1	
		Galligill Syke -	132 2	92 0	
		Drygill Mine -	50 2	30 0	
15,123'7	Carried forward,		17,505 1	11,550 3	2,939

Produce of Lead Ore and Lead in the United Kingdom for the Year 1849—*continued*.

Total of Lead. Counties.	County.	Mines.	Lead Ore Returns	Lead Returns.	Tons of Lead. Districts.
Tons. 15,123'7	Brought forward.		Tons. cwt.	Tons. cwt.	
	Cumberland—	Woodend - - - -	17,705 1	11,550 3	
	<i>continued</i> .	Foree Cragg - - - -	32 0	23 0	
	Alston Mines—	Keswick Mine - - - -	27 6	18 0	
	<i>continued</i>	Hudgill Burn - - - -	56 16	35 0	
		Calvert - - - -	160 13	112 0	
		Holyfield - - - -	58 11	41 0	
		North Grain Cross Vein - - - -	16 4	11 0	
		Crossfell Mine - - - -	0 16	0 4	
		Thornhill West End - - - -	155 0	97 0	
		Wellgill Cross Vein - - - -	29 4	20 0	
		Greensides - - - -	87 16	60 0	
	Mines West of	Rodderup Cleugh, West End - - - -	1,820 0	1,300 0	
	Tyne.	Tyne Bottom - - - -	1,297 12	908 0	
		Dowke Burn, West End - - - -	54 12	37 0	
		Morley Fell - - - -	86 16	60 0	
	Langley Barony	Rodderup Fell - - - -	17 13	12 0	
		Sundries under 10 tons - - - -	1,152 0	801 0	
			62 0	38 0	
13,215'6	Durham and } Northumberland }	East and West Allendale and } Weardale - - - - }	13,362 0	9,162 0	9,162
		Teesdale Mines (including } South Yarnbury) - - - - }	3,404 8	2,576 0	2,576
		Silver Tongue - - - -	—	—	
		Derwent Mine - - - -	1,389 0	1,001 0	
		Stanhope Burn - - - -	—	—	
		Hollywell - - - -	80 0	51 0	
		Lane Head - - - -	13 17	8 5	
		Aller Gill - - - -	—	—	
		Bollihope - - - -	8 8	5 1	
		Fallow-field - - - -	134 16	88 0	
		Whitfield - - - -	80 17	54 0	
		Settling Stones - - - -	440 0	260 0	
		Pow Cross - - - -	7 0	4 0	
		Capton - - - -	9 12	6 0	
457'0	Westmoreland -	Dufton and Silverband - - - -	601 12	457 0	
4,420'0	Derbyshire -	Hilton and Marton - - - -	—	—	
2,315'0	Shropshire -	Sundry Mines - - - -	6,800 0	4,420 0	
		Snailbeach - - - -	3,196 0	2,301 0	2,301
		White Grit and Batholes - - - -	—	—	
		Bog Mine - - - -	20 0	14 0	
		Pennerley - - - -	—	—	
		Round Hills - - - -	—	—	
41	Somersetshire -	Mendip Hills - - - -	50 0	41 0	41
5,596'18	Yorkshire	Swale Dale and Arkendale - - - -	4,954 0	3,648 0	3,648
		Cononley - - - -	588 4	395 7	
		Grassington, including Yarn- } bury and Coalgrove Beck - }	1,231 6	810 11	
		Pateley District - - - -	905 0	591 0	591
		Nithsdale - - - -	74 0	52 0	
		Kettlewell and Coniston Liberty - - - -	154 0	100 0	
41,168'11		Total - - - -	60,124 0	41,168 11	

## Produce of Lead Ore and Lead in the United Kingdom for the Year 1849—continued.

Total of Lead. — Counties.	County.	Mines.	Lead Ore Returns.	Lead Returns.	Tons of Lead. — Districts.
Tons.		WALES.	Tons. cwt.s.	Tons. cwt.s.	
3,895	Cardiganshire -	Lisburne Mines - - -	2,733 0	1,804 0	1,804
		Cwm-ystwyth - - -	583 0	333 0	
		Esgair-hir - - -	—	—	
		Cwm-sebon - - -	55 0	33 0	
		Llanfair Clydogau - - -	206 0	134 1	
		Goginan - - -	1,160 0	766 0	766
		Gogerddan Mines - - -	131 0	87 0	
		Nanty-y-creiau - - -	—	—	
		Pen-y-bont-pren - - -	12 0	7 0	
		Cefn-cwm-brwyno - - -	10 0	7 0	
		Bwlch Consols - - -	635 0	425 0	425
		Nanteos - - -	177 0	106 0	
		Aberystwyth (small mines) - - -	31 0	20 0	
		Llanymaron - - -	—	—	
		Llanbadarn - - -	—	—	
		Bron-berllan - - -	—	—	
		Brynarian - - -	40 0	28 0	
		Cwm-erfin - - -	116 0	78 0	
		Daren - - -	29 0	20 0	
		Eisteddfodd - - -	20 15	14 0	
		Llwyn Malys - - -	32 0	21 0	
		Bwlch-cwm-erfin - - -	18 0	12 0	
19	Carnarvonshire -	Llanrwst - - -	18 0	10 0	
		Penrhyn du - - -	—	—	
		Lliwedd (Snowdon) - - -	12 0	9 0	
1,189	Carmarthenshire	Nant-y-Mwyn - - -	1,775 10	1,189 0	1,189
	Denbighshire -	Llangollen - - -	—	—	
7,448	Flintshire -	Talargoch { Maes-yr-erwddu } Coetia Llys }	1,470 0	916 0	916
		Fronfownog - - -	1,213 0	825 0	
		Hendre - - -	1,013 0	811 0	
		Maes-y-safn - - -	995 0	726 0	
		Pen-yr-henblas - - -	1,044 0	731 0	
		Mold Mines - - -	154 0	108 0	
		Long Rake - - -	68 10	38 0	
		Milwr - - -	642 0	469 0	
		Peabybryn - - -	—	—	
		Dingle and Deep Level - - -	1,136 0	829 0	
		Parry's Mines - - -	—	—	
		Westminster Mines - - -	585 0	380 0	
		Halkin Hall - - -	20 0	13 0	
		Bodelwyddan - - -	15 0	10 0	
		Belgrave - - -	350 0	245 0	
		Bryn-gwyrrog - - -	—	—	
		Holywell Level - - -	14 0	10 0	
		Jamaica - - -	610 0	433 0	
12,551	Carried forward		17,123 15	11,647 0	

## Produce of Lead Ore and Lead in the United Kingdom for the Year 1849—continued.

Total of Lead. Counties.	County.	Mines.	Lead Ore Returns.	Lead Returns.	Tons of Lead. Districts.
Tons. 12,551	Brought forward		Tons. cwt. 17,123 15	Tons. cwt. 11,647 0	
	Flintshire—cont.	Bwleh-yd-daufryn - - -	—	—	
		Billings - - -	20 5	10 0	
		Clwtmilitia - - -	23 0	11 0	
		Aberdune - - -	65 10	46 0	
		Bryndigri - - -	20 10	15 0	
		Gyrn - - -	11 15	8 0	
		Pant-du - - -	14 10	10 0	
		Pant-y-celyn - - -	216 0	151 0	
		Pant-y-groes - - -	20 0	14 0	
		Pant-y-ne - - -	12 5	8 0	
		Pant-y-fryth - - -	40 0	28 0	
		Strong Croft - - -	13 0	9 0	
		Sundries (under 10 tons) - -	115 10	81 0	
		Talacre - - -	615 0	430 0	
		Pentire Glase - - -	87 0	61 0	
		Level Newydd - - -	32 0	22 0	
808	Montgomeryshire	Llangynnog - - -	17 0	10 0	
		Cae-conroy - - -	189 10	118 0	
		Rhos-wydol - - -	98 0	57 0	
		Dwn-gwm or Dyfngwm - - -	21 0	15 0	
		Craig-Rhiwarth - - -	28 0	17 0	
		Bryndail - - -	76 5	54 0	
		Gorn - - -	48 0	34 0	
		Machynlleth, including Delife -	588 0	388 0	
		Nantmelyn - - -	30 0	21 0	
		Pen-y-clyn - - -	117 0	82 0	
42	Merionethshire -	Barmouth (Port of) - - -	—	—	
		Cowarch - - -	—	—	
		Tyddynwladus - - -	—	—	
		Dolgelly - - -	18 0	11 0	
		Eagles Rock - - -	40 0	24 0	
		Bwlch-y-Plwm - - -	11 0	7 0	
13,401		Total - - -	19,711 15	13,401 0	
IRELAND.					
21*0	Clare - - -	Kilhricken - - -	—	—	
		Ballyhickey - - -	—	—	
		Castleblayney - - -	30 10	21 0	
924*0	Down - - -	Newtownards - - -	1,300 0	726 0	
		Conlig - - -	347 0	198 0	
14*0	Cork - - -	Bantry - - -	24 0	14 0	
197*0	Tipperary - -	Shallee - - -	329 0	197 0	
	Monaghan - -	Bond and Newry - - -	—	—	
1156*0			2,030 19	1,156 0	

Produce of Lead Ore and Lead in the United Kingdom for the Year 1849 — *continued.*

Total of Lead. Counties.	County.	Mines.	Lead Ore Returns.	Lead Returns.	Tons of Lead. Districts.
Tons. 1156·0	Brought forward	- - - -	Tons. cwts. 2,030 10	Tons. cwts. 1,156 0	
393·14	Wicklow -	Glenmalure - - - Luganure - - - Wicklow - - -	45 0 471 0 48 10	30 0 329 14 84 0	
104·0	Waterford -	Barristown - - -	144 0	104 0	
1,653·14		Total - -	2,739 0	1,653 14	
SCOTLAND.					
	Ayrshire - -	Afton Lead Mines - -	—	—	
151·0	Argyleshire -	Strontion Mines - -	250 15	151 0	
	Dumbartonshire	Dumbarton - - -	—	—	
806·3	Kirkeudbrightshire	Caernsmore - - - Woodhead - - - Black Craig - - -	575 0 353 0 243 0	380 0 261 3 165 0	
	Lanarkshire -	Lead Hills Mine - -	—	—	
	Dumfrieshire -	Wanlock-bead - - -	—	—	
957·3		Total - -	1,421 15	957 3	
ISLE OF MAN.					
1,535·1	Isle of Man -	Isle of Man Mining Co. - Laxey - - - Douglas - - - Sundry ores - - -	1,527 0 815 0 394 10 90 0	668 0 546 0 261 0 60 1	
1,535·1		Total -	2,826 10	1,535 1	

The Welsh Ticketings include also the following Foreign Ores:—

South Australian	-	-	-	Tons. 574
German	-	-	-	20

TABLE showing the TOTAL QUANTITY of LEAD ORE raised and LEAD smelted in the United Kingdom in 1849.

		Lead Ore.	Lead.
		Tons. cwt.	Tons. cwt.
England	- - -	60,124 0	41,168 11
Wales	- - -	19,711 15	13,389 0
Ireland	- - -	2,739 0	1,653 14
Scotland	- - -	1,421 15	957 3
Isle of Man	- -	2,826 10	1,535 1
Total	-	86,823 0	58,703 9

## LEAD ORE and LEAD imported and exported during 1849.

## IMPORTED.

		Lead Ore.	Lead.
		Tons.	Tons.
Pig and sheet	- - -	1,381	7,216
White Lead	- - -	-	44
<i>Retained for home consumption</i>	-	-	5,265

## EXPORTED.

		Lead Ore.	Lead.
		Tons.	Tons.
Pig and rolled	- - -	181	15,227
Shot	- - -	-	1,798
Litharge	- - -	-	502
Red Lead	- - -	-	1,621
White Lead	- - -	-	1,675

1850.

**COPPER.**

COPPER ORE sold by PUBLIC TICKETINGS in CORNWALL and by PRIVATE CONTRACT during the year 1850.

Mines.	Ore.	Copper.	Amount.	Prod.
	Tons.	Tons, cwt. qrs. lbs.	£ s. d.	
Devon Great Consols -	17,089	1,632 5 1 13	109,989 12 6	$9\frac{1}{2} \frac{1}{16}$
Carnbrea -	9,318	822 16 0 24	57,366 16 0	$8\frac{3}{4} \frac{1}{16}$
Par Consols -	7,152	641 18 2 14	44,090 5 6	9
United Mines -	9,881	638 10 3 3	43,197 10 0	$6\frac{3}{8} \frac{1}{16}$
Consolidated Mines -	7,592	576 4 2 23	40,159 16 6	$7\frac{1}{2} \frac{1}{16}$
Fowey Consols -	6,169	542 0 3 8	37,335 12 0	$8\frac{3}{4} \frac{1}{16}$
West Caradon -	4,049	458 4 3 19	32,646 3 6	$11\frac{1}{4} \frac{1}{16}$
South Huel Bassett -	4,409	427 14 3 8	30,826 7 0	$9\frac{5}{8} \frac{1}{16}$
Huel Seton -	6,009	404 3 2 12	27,554 11 6	$6\frac{3}{4}$
Tincroft -	7,012	398 3 1 3	25,390 6 6	$5\frac{5}{8} \frac{1}{16}$
North Roskear -	5,077	396 2 1 0	27,950 6 0	$7\frac{3}{4} \frac{1}{16}$
North Pool -	7,048	390 4 2 19	25,617 17 0	$5\frac{1}{2} \frac{1}{16}$
Tywarnhaile -	6,487	379 10 1 20	24,638 7 6	$5\frac{1}{8}$
Huel Buller -	3,345	328 3 1 21	23,409 9 6	$9\frac{3}{4} \frac{1}{16}$
South Caradon -	2,999	318 17 1 14	22,648 1 0	$10\frac{5}{8}$
South Huel Francis -	2,678	291 3 0 19	21,388 16 6	$10\frac{7}{8}$
Treviskey -	2,884	285 16 0 27	20,628 10 6	$9\frac{7}{8} \frac{1}{16}$
Huel Friendship -	2,490	258 1 1 27	18,673 11 6	$10\frac{3}{8}$
East Huel Crofty -	3,261	221 4 2 14	14,863 12 0	$6\frac{3}{4} \frac{1}{16}$
Levant -	2,668	217 2 1 26	14,156 16 6	$8\frac{1}{8}$
Camborne Vean -	3,046	200 6 2 9	13,613 16 0	$6\frac{1}{2} \frac{1}{16}$
South Tolgus -	1,803	173 14 3 12	12,535 17 6	$9\frac{5}{8}$
Alfred Consols -	1,595	154 10 1 14	10,916 17 0	$9\frac{5}{8} \frac{1}{16}$
Bedford United Mines -	1,426	138 14 2 5	9,804 1 0	$9\frac{3}{4}$
Perran St. George -	1,870	131 19 1 4	8,754 15 6	$7\frac{1}{16}$
West Treasury -	1,442	129 16 2 16	9,186 3 0	9
Tresavean -	2,680	127 19 0 13	8,042 1 6	$4\frac{3}{4}$
Condurrow -	1,664	113 4 0 22	7,614 0 0	$6\frac{3}{4} \frac{1}{16}$
Huel Phenix -	720	110 4 2 7	8,136 6 6	$15\frac{1}{4} \frac{1}{16}$
Wellington Mines -	1,034	90 6 0 15	6,177 6 0	$8\frac{3}{4}$
Treleigh Consols -	1,355	89 7 2 7	6,105 4 6	$6\frac{1}{2} \frac{1}{16}$
Huel Comfort -	2,263	82 9 1 12	4,649 12 0	$3\frac{5}{8}$
Huel Mary -	1,270	78 15 1 25	5,282 3 6	$6\frac{1}{8} \frac{1}{16}$
Mark Valley -	1,612	75 16 3 11	4,873 12 6	$4\frac{5}{8} \frac{1}{16}$
Carried forward -	141,397	11,325 14 3 10	778,224 5 6	

## Copper Ore sold by Public Tickets, &amp;c. in Cornwall—continued.

Mines.	Ore.	Copper.	Amount.	Prod.
	Tons.	Tons. cwt. qrs. lbs.	£ s. d.	
Brought forward -	141,397	11,325 14 3 10	778,224 5 6	
Dolcoath -	1,115	72 11 2 18	4,909 3 6	6½
East Pool -	1,422	70 2 1 2	4,313 18 0	47½ 1/8
Poldice -	922	65 5 0 7	4,564 0 6	7½ 1/8
Holmbush -	761	62 2 0 6	4,148 5 0	8½
Huel Tremayne -	834	60 7 0 23	4,026 17 0	7¼
Huel Agar -	866	57 5 1 15	3,839 12 6	6½
Trethellan -	1,045	48 4 0 22	3,022 5 0	4½
West Huel Seton -	639	44 11 1 5	3,007 17 6	7
Huel Henry -	503	39 18 3 2	2,835 6 6	7½ 1/8
Huel Ellen -	405	38 0 3 17	2,690 18 0	9½
West Fowey Consols -	315	27 6 2 18	1,860 14 0	8½ 1/8
West Huel Jewell -	379	23 14 2 2	1,609 4 0	6¼
Charlestown United Mines	292	23 4 1 13	1,537 3 6	7½ 1/8
South Roskear -	370	20 4 1 20	1,346 1 0	5½ 1/8
Polberro -	296	17 2 3 9	1,116 0 6	5¼ 1/8
Botallack -	147	16 8 0 18	1,099 8 0	11½
Huel Vyvian -	242	15 19 3 5	1,061 1 6	6½
South Huel Fortune -	191	15 18 0 12	1,067 9 0	8¼ 1/8
Huel Pink -	228	15 10 2 16	1,040 5 6	6¾ 1/8
Hingston Downs	75	11 17 2 0	831 5 0	15¾ 1/8
Gonamena -	96	11 12 1 19	853 7 0	12½ 1/8
Huel Maiden -	168	11 5 2 21	763 3 0	6¾
East Huel Rose -	67	9 9 2 24	734 4 6	14½ 1/8
St. Aubyns and Grylls	80	8 10 1 5	578 15 0	10½
Penpol's regulus -	86	8 0 2 16	640 7 0	9½
Huel Jewell -	132	7 6 2 13	466 19 0	5½ 1/8
West Trethellan -	182	7 16 1 4	476 17 0	4¼ 1/8
Carthew Consols	92	6 10 0 4	379 10 6	7½ 1/8
Huel Busy -	118	6 7 2 11	394 19 6	5½ 1/8
South Crinnis -	75	6 3 3 5	419 0 6	8¼
Huel Prosper, &c. -	99	5 6 3 3	323 15 6	5½ 1/8
Sundries -	1,386	93 11 2 20	6,228 16 6	6¾
Total -	155,025	12,253 10 2 21	840,410 16 0	

COPPER ORE sold by PUBLIC TICKETING and by PRIVATE CONTRACT, in  
SWANSEA in the year 1850.

Mines.	Ore.	Copper.	Amount.			Prod.
			£	s.	d.	
Cobre - - - -	Tons. 15,905	Tons.cwts. qrs. lbs. 2,964 5 0 4	233,013	9	6	18 $\frac{3}{8}$
Burra Burra - - -	3,405	1,220 1 0 17	94,476	19	6	35 $\frac{3}{4}$ $\frac{1}{16}$
Bearhaven - - -	6,137	639 6 0 12	47,687	15	0	10 $\frac{3}{8}$ $\frac{1}{16}$
Cuba - - - -	4,548	627 11 3 26	48,063	19	0	13 $\frac{3}{4}$ $\frac{1}{16}$
Kapunda - - - -	949	282 10 2 17	22,199	14	0	29 $\frac{3}{4}$
Knockmahon - - -	3,314	264 14 0 5	19,703	6	6	8
Copiapó - - - -	875	249 16 0 4	19,898	3	6	28 $\frac{1}{2}$ $\frac{1}{16}$
Chili - - - -	662	244 18 2 9	18,552	13	6	37
Santiago - - - -	1,119	206 19 3 23	16,177	1	0	18 $\frac{1}{2}$
Kaw aw - - - -	853	110 5 3 24	8,125	6	0	12 $\frac{7}{8}$ $\frac{1}{16}$
Spanish Ore - - -	424	37 5 3 12	2,711	17	0	8 $\frac{3}{4}$ $\frac{1}{16}$
German Ore - - -	488	34 10 1 13	2,460	4	0	7 $\frac{1}{16}$
Ballymurtagh - - -	370	19 6 2 15	1,388	0	0	5 $\frac{1}{4}$
Gurtnadryne - - -	154	16 9 1 23	1,239	9	6	10 $\frac{5}{8}$ $\frac{1}{16}$
Australian - - -	73	15 0 0 12	1,110	8	6	20 $\frac{1}{2}$ $\frac{1}{16}$
South Australian - - -	62	14 17 1 13	1,127	15	0	23 $\frac{7}{8}$ $\frac{1}{16}$
Waterloo Slag - - -	432	14 10 1 25	838	2	6	3 $\frac{3}{8}$
Llanberris - - - -	110	13 17 2 0	986	16	0	12 $\frac{1}{4}$ $\frac{1}{16}$
Sydney - - - -	55	13 3 2 20	1,049	0	0	24
Lackamore - - - -	101	11 8 3 7	863	0	0	11 $\frac{1}{4}$ $\frac{1}{16}$
Guildford Slag - - -	280	10 16 1 10	737	0	0	3 $\frac{7}{8}$
Cabral - - - -	87	10 12 3 14	895	0	0	12 $\frac{1}{4}$
Crenfuegos - - -	115	9 12 2 14	669	17	6	8 $\frac{3}{8}$
Ballinoe - - - -	59	6 17 3 18	520	18	6	11 $\frac{5}{8}$ $\frac{1}{16}$
Sand Ore - - - -	118	6 16 3 21	441	6	0	5 $\frac{3}{4}$ $\frac{1}{16}$
Gloster Slag - - -	34	6 1 3 16	471	1	0	17 $\frac{7}{8}$ $\frac{1}{16}$
Cronebane - - -	13	5 6 1 9	396	18	6	40 $\frac{3}{4}$
Tigrony - - - -	13	5 5 3 14	397	10	6	40 $\frac{3}{4}$
Dudley Slag - - -	156	5 1 3 10	267	5	0	3 $\frac{1}{4}$
Union - - - -	42	5 1 0 20	351	2	6	11 $\frac{7}{8}$
Sundries - - - -	633	35 16 1 4	2,437	4	0	5 $\frac{5}{8}$
Total -	41,586	7,108 8 1 11	549,258	3	6	15 $\frac{1}{4}$

## COPPER imported into the United Kingdom in 1850.

Ore.	Regulus.	Cast Copper.	Old Copper.	Bars, Rods, &c.	Plates, Coins, &c.	Value.
Tons. cwt. 40,388 6	Tons. cwt. 5,473 12	Tons. cwt. 669 6	Tons. cwt. 431 15	Tons. cwt. 4,211 14	Tons. cwt. 11 18	£ s. d. 35,946 13 6

Of this Imported Copper the following countries furnished the largest quantities.

	Ore.	Regulus.	Cast Copper.	Bars and Rod.
	Tons. cwt.	Tons. cwt.	Tons. cwt.	Tons. cwt.
South Australia - - -	6,987 4	37 10	94 6	—
New South Wales - - -	386 7	803 16	- - -	42 12
Van Dieman's Land - - -	137 10	—	—	—
New Zealand - - -	400 0	—	—	—
Cuba - - -	2,231 2	—	—	—
Chili - - -	2,250 16	3,312 14	242 10	3,084 16
Peru - - -	1,319 10	244 2	15 0	225 1
West Coast of Africa - - -	33 4	- - -	- - -	2 10
France - - -	411 9	622 19	- - -	9 15
Spain - - -	946 6	0 1	—	—
Italy - - -	71 4	—	—	—
China - - -	—	—	—	—

Of this quantity there was re-exported—

Ore.	Regulus.	Bricks, Pigs, &c.	Old Copper.	Bars, Rods.	Value.
Tons.cwts.qrs.lbs. 20 2 1 7	Tons.cwts.qrs.lbs. 136 8 1 20	Tons.cwts.qrs.lbs. 254 4 2 8	Tons.cwts.qrs.lbs. 20 10 3 27	Tons.cwts.qrs.lbs. 580 0 2 18	£ s. d. 31,159 0 0

## BRITISH COPPER exported.

Copper Ore.	Bricks and Pigs.	Coin.	Sheets, Nails, Yellow Metal.	Wire.	Wrought Copper of other Sorts.	Total.
Tons. cwt. 150 10	Tons. cwt. 7,733 18	Tons. cwt. 7 8	Tons. cwt. 13,150 7	Tons. cwt. 17 17	Tons. cwt. 398 2	Tons. cwt. 21,307 13

**TIN.**

PRODUCE of TIN ORE in CORNWALL and DEVON in 1850 :  
10,383 Tons.

**TIN imported in 1850.**

Countries from which imported.	Tin.	Tin Ore and Regulus.
	Tons. cwt.	Tons cwt.
Hanseatic Towns - - -	6 4	—
Holland - - - -	433 17	—
Belgium - - - -	4 12	—
France - - - -	12 10	—
Portugal - - - -	—	—
Spain - - - -	115 4	—
Mauritius - - - -	1 12	—
East Indies, (exclusive of Singapore and Ceylon) - - -	347 13	0 5
Singapore - - - -	636 19	—
China, including Hong Kong -	15 13	—
Victoria, Port Philip - -	9 9	—
United States of America - -	79 0	—
Chili - - - -	2 13	—
Peru - - - -	20 7	—
Total Import -	1,685 11	0 5

**TOTAL of TIN exported in 1850.**

	Tons. cwt. qrs. lbs.
Foreign Tin -	189 15 0 14
British Tin - -	1,588 1 2 17

## LEAD.

PRODUCE OF LEAD ORE and LEAD in the United Kingdom for the year 1850.

Total of Lead. Counties.	County.	Mines.	Lead Ore Returns.	Lead Returns.	Tons of Lead. District.	
Tons, cwts.	ENGLAND.		Tons, cwts.	Tons, cwts.		
6,782 13	Cornwall	Callington	516 0	348 18		
		Huel Mary Anne	1,186 0	890 7		
		Huel Trelawney	1,496 0	1,131 8		
		Huel Trehane	430 0	254 2		
		Tregorden	20 0	14 0		
		Herodscombe	—	—		
		Herordsfoot	933 0	590 0		
		East Huel Rose	4,206 0	2,524 3		
		Huel Penhale	124 0	86 15		
		Huel Golden	322 0	212 18		
		North Huel Rose	119 0	72 1		
		Cargol	200 0	118 16		
		Oxnam's	172 0	101 3		
		Huel Rose	—	—		
		Holmbush	200 0	119 2		
		Great Callestock Moors	—	—		
		Huel Concord	—	—		
		Carthew Consols.	44 0	30 10		
		Tywarnbaile and Nancekuke	39 11	28 10		
		1,418 17	Devonshire	Huel Baddern	309 0	216 0
Pentire Glaze	56 10			34 0		
Mines under 10 Tons } (Sundry)	13 0			10 0		
Tamar	977 0			561 16		
Huel Adams	395 0			217 3		
East Tamar Consols	393 0			236 18		
Huel Friendship	—			—		
South Tamar Consols	477 0			340 0		
South Molton Consols	60 0			46 0		
South Maex	25 0	17 0				
3,387 19	Cumberland	Browngill	308 18	215 14		
		Rampgill	318 2	221 12		
		Scaleburn	122 7	91 17		
		Carrs and Hanging Shaw	143 5	100 0		
		Capel Cleugh	530 4	231 16		
		Small Cleugh	25 7	19 0		
		Middle Cleugh	62 2	43 10		
		Brown Gill Mine	5 16	3 0		
		Guddamgill	47 8	33 0		
		Long Cleugh	2,866 0	2,001 14		
		Bentyfield Sun Vein	9 1	6 0		
		Cowperdyke Heads	153 7	106 3		
		Bentyfield Sun, S. E. End	265 12	185 10		
		Brigal Burn	102 18	70 2		
		Cowhill	5 16	3 7		
		Tynebottom	73 13	45 7		
		Previsdale	17 10	10 7		
		Governor and Company Mines.				
	Carried forward			17,575 7	11,589 9	

Produce of Lead Ore and Lead in the United Kingdom for the year 1850—*continued.*

Total of Lead. — Counties.	County.	Mines.	Lead Ore Returns.	Lead Returns.	Tons of Lead. — District.
Tons. cwt.			Tons. cwt.	Tons. cwt.	
6,895 13	Cumberland— <i>continued.</i>	Brought forward	17,575 7	11,589 9	
		Brownley Hill - -	263 4	184 0	
		Small Mines - -	35 18	23 4	
		Blagill Vein - -	181 13	130 16	
		Carrs West of Nent Vein -	16 3	11 8	
		Black Syke - -	50 7	34 0	
		Hudgill Burn - -	128 2	91 8	
		Fore Shield - -	23 16	17 0	
		Farnbury Vein - -	8 9	7 0	
		Grassfield - -	39 18	26 0	
		Galligill Syke - -	125 15	112 13	
		Drigginth - -	140 4	75 8	
		Crag Green, N. Vein -	10 6	7 0	
		Roughtengill - -	89 0	64 0	
		Tynehead - -	39 4	27 0	
		Force Cragg - -	8 0	5 0	
		Keswick Mine - -	175 0	107 5	
		Cross Fell Mine - -	186 0	129 0	
		Calvert - -	—	—	
		Holyfield - -	15 0	10 0	
		North Grain Cross Vein -	0 19	—	
		Thornhill West End -	21 9	13 0	
		Well Gill Cross Vein -	70 7	51 0	
		Greensides - -	2,000 0	1,420 0	
		Natgrass Middle Vein -	13 4	10 4	
		Peat Stack Hill - -	29 5	23 0	
		Sunny Side - -	13 1	10 0	
		Slote - -	22 5	16 0	
		Tyne Bottom - -	73 13	40 0	
		Dowke Burn West End -	20 15	14 14	
		Rodderup Cleugh West End	1,128 15	767 14	
		Dry Gill Mine - -	2 2	1 0	
		Low Berchy Bank - -	18 11	13 0	
		Sundry Mines under 10 tons	31 13	21 0	
16,008 19	Durham and Northum- berland.	East and West Allendale and Weardale - }	13,380 0	9,804 0	9,804 0
		Teesdale Mine - -	4,102 13	3,045 6	3,220 11
		Sundry Mines - -	280 8	175 5	
		Silver Tongue - -	—	—	
		Derwent Mine - -	1,770 1	1,280 0	1,280 0
		Stanhope Burn - -	412 10	280 8	
		Hollywell - -	92 0	582 0	
		Lanehead - -	22 18	18 0	
		Aller Gill - -	16 8	11 0	
		Bollilhope - -	12 0	9 0	
		Fallowfield - -	179 8	120 0	
		Whitefield - -	27 11	19 0	
		Settling Stones - -	550 0	375 0	
		Morley Fell - -	3 15	2 0	
		Pow Cross - -	2 9	1 15	
	Carried forward.		43,409 6	30,774 17	

Produce of Lead Ore and Lead in the United Kingdom for the Year 1850.—*continued.*

Total of Lead. — Counties.	County.	Mines.	Lead Ore Returns.	Lead Returns.	Tons of Lead, — District.
Tons. cwts.			Tons. cwts.	Tons. cwts.	
499 11	Brought forward Durham and Northumber- land— <i>cont.</i> }	Captain Cleugh - -	43,409 6	30,774 17	
		Brandon Walls - -	20 5	14 10	
		Calves - -	105 5	79 0	
		Sundry Mines under 10 tons	23 12	18 0	
		Dufton and Silverband Hilton and Marton }	9 2	6 0	
5,149 0	Westmoreland -		657 2	499 11	
	Derbyshire -	Sundry Mines - -	7,906 3	5,149 0	
1,970 0	Shropshire -	Snail beach - -	2,626 0	1,891 0	1,891 0
		White Grit and Batholes -	—	—	
		Bog Mine - -	20 0	14 0	
		Rorretton - -	83 0	65 0	
	Somersetshire -	Mendip Hills - -	—	—	
	Yorkshire -	Swaledale and Arkendale and Hurst - - }	5,110 6	3,475 0	3,475 0
		Wensleydale - -	—	—	
		Cononley - -	804 0	556 0	
		Grassington (including Yarnbury and Coalgrove Beck - - - }	1,766 15	1,325 0	1,325 0
		Pately District - -	875 0	500 0	500 0
		Kettlewell and Coniston Liberty - - }	150 0	96 0	
		Total	63,565 16	44,462 18	
	WALES.				
4,768 12	Cardiganshire -	Lisburne Mines - -	3,345 0	2,389 0	2,389 0
		Cwm-ystryth - -	801 0	572 0	
		Esgair-Llee - -	50 0	38 0	
		Cwm-Sebon - -	47 0	22 0	
		Llanfair Clydogau -	88 0	67 10	
		Goginan - -	1,004 0	717 0	717 0
		Gogerddan Mines -	35 0	23 0	
		Nant-y-creiau - -	—	—	
		Penrhew - -	20 0	14 16	
		Cefn-cwm-brwyno -	13 0	—	
		Bwlch Consols - -	460 0	345 0	
		Nanteos - -	308 0	206 10	
		Aberystwyth (small mines)	5 10	3 10	
		Llanymawr - -	—	—	
		Court Grange - -	181 0	130 0	
		Grogwinion - -	20 5	15 15	
		Brynarian - -	60 0	48 0	
		Cwm-erfin - -	81 0	55 10	
		Daren - -	15 0	10 0	
		Eisteddfodd - -	53 0	35 6	
		Llwyn Malecs - -	100 0	67 10	
		Aberyfrwydd - -	11 0	8 5	
	Carried forward		6,697 15	4,768 12	

Produce of Lead Ore and Lead in the United Kingdom for the Year 1850—*continued*.

Total of Lead, — Counties.	County.	Mines.	Lead Ore Returns.	Lead Returns.	Tons of Lead, — Districts.
Tons. cwts.			Tons. cwts.	Tons. cwts.	
9 3	Brought forward		6,697 15	4,768 12	
	Carnarvonshire -	Portmadoc - -	13 0	9 3	
832 17	Carmarthenshire	Nant-y-Mwyn - -	1,088 1	832 17	832 17
	Denbighshire -	Llangollan - -	—	—	
	Flintshire -	Talar- { Maes-yr-erwddu } { Coetia Llys - }	1,878 0	1,054 0	1,054 0
		Fronfownog - -	838 10	576 0	
		Hendre - -	1,034 0	814 0	
		Maes-y-safn - -	1,480 0	1,069 12	1,069 12
		Pen-yr-henblas - -	811 0	616 5	
		Mold Mines - -	275 0	209 0	
		Long Rake - -	68 0	38 0	
		Milwr - -	240 0	173 0	
		Penybryn - -	12 5	7 0	
		Dingle and Deep Level - -	1,027 0	758 5	
		Parry's Mines - -	20 0	15 0	
		Westminster Mines - -	936 0	608 0	608 0
		Halkin Hall - -	37 0	30 0	
		Bodelwyddan - -	—	—	
		Belgrave - -	335 0	240 0	
8,441 5		Bryn-gwyog - -	—	—	
		Winster - -	19 15	16 0	
		Jamaica - -	660 0	452 0	452 0
		Bwlchgwyn - -	30 0	26 8	
		Billings - -	14 15	7 5	
		Craigymwyn - -	25 0	19 2	
		Aherdune - -	—	—	
		Bryndigri - -	—	—	
		Axton - -	15 0	11 17	
		Pant-du - -	28 15	20 14	
		Pant-y-celyn - -	264 0	202 0	
		Pant-y-groes - -	21 5	15 13	
		Pant-y-pwllldwr - -	15 0	11 2	
		Pant-y-ffryth - -	216 0	163 9	
		Strong Croft - -	—	—	
		Talacre - -	865 0	669 13	669 13
		Lloc - -	655 0	501 0	
		Fori - -	15 5	11 15	
		Sundries (under 10 tons) -	139 0	106 5	
	Montgomeryshire	Llangynnog - -	—	—	
		Cae-conroy - -	117 0	88 18	
		Rhos-wyddol - -	98 0	75 13	
		Dwn-gwm or Dyfngwm - -	24 0	17 18	
		Craig Rhiwarth - -	26 10	20 0	
		Bryntail - -	116 10	28 0	
		Gorn - -	51 15	39 0	
772 9		Machynlleth, including } { Delife - - }	653 5	503 0	503 0
		Nantmelyn - -	—	—	
		Pen-y-elyn - -	776 0	—	
	Carried forward		21,026 6	14,825 6	

Produce of Lead Ore and Lead in the United Kingdom for the Year 1850—*continued.*

Total of Lead. — Counties.	County.	Mines.	Lead Ore Returns.	Lead Returns.	Tons of Lead. — District.
Tons, cwts.			Tons, cwts.	Tons, cwts.	
51 5	Brought forward		21,026 6	14,825 6	
	Merionethshire -	Barmouth, Port of -	—	—	
		Cowarch - - -	—	—	
		Tyddingwladus - -	—	—	
		Dolgelly - - -	—	—	
		Eagles Rock - - -	67 0	51 5	
		Bwlch-y-plwm - - -	—	—	
		Total -	21,093 6	14,876 11	
IRELAND.					
14 8	Clare - -	Kilbricken - - -	—	—	
		Ballyhicky - - -	—	—	
		Castleblayney - - -	—	—	
810 19	Down - -	Arklow - - -	18 10	14 8	
13 9		Newtownards - - -	1,200 0	671 0	671 0
		Conliff - - -	243 1	199 19	
283 14	Cork - -	Bantry - - -	22 15	13 9	
	Tipperary -	Shallee - - -	473 0	283 14	283 14
	Monaghan -	Bond and Newry -	—	—	
	Wicklow -	Glenmalure - - -	200 0	125 0	
541 11		Luganure - - -	522 0	364 0	364 0
82 0	Wexford -	Wicklow - - -	66 0	52 11	
		Barristown - - -	150 0	82 0	
		Total -	2,895 6	1,746 1	
SCOTLAND.					
226 10	Ayreshire -	Afton Lead Mines -	—	—	
	Argyleshire -	Strontian Mines - -	290 5	226 10	
21 0	Dumbartonshire	Dumbarton - - -	35 0	21 0	
742 0	Kirkcudbrightshire.	Cairnsmore - - -	480 0	352 0	352 0
		Woodhead - - -	385 0	287 16	
		Black Craig - - -	151 0	102 11	
43 15	Perthshire -	Breadalbane - - -	60 0	43 15	
375 10	Lanarkshire -	Lead Hills Mine -	695 0	375 10	
	Dumfriesshire -	Wanlock Head - - -	1,021 0	715 3	
		Total -	3,117 5	2,124 5	
ISLE OF MAN.					
	Isle of Man -	Isle of Man Mining Company	1,340 0	586 3	586 3
		Laxey - - -	810 0	615 16	
		Douglas - - -	—	—	
		South Manx - - -	25 0	17 0	
		Total -	2,175 0	1,218 19	

Produce of Lead Ore and Lead in the United Kingdom for the Year 1850—*continued.*

The Welsh Ticketings include also the following Foreign ores :—

		Lead Ore.		Lead.	
		Tons.	cwts.	Tons.	cwts.
South Australian	-	127	0	92	14
German	- -	30	0	15	0
Arkansas	- -	38	0	27	15
Oporto	- -	11	15	8	11
Total	-	206	15	144	0

TABLE showing the TOTAL QUANTITY of LEAD ORE raised and smelted in the United Kingdom in 1850.

		Lead Ore.		Lead.	
		Tons.	cwts.	Tons.	cwts.
England	- -	63,565	16	44,462	18
Wales	- -	21,093	6	14,876	11
Foreign Ores	- -	206	15	144	0
Ireland	- -	2,895	6	1,746	1
Scotland	- -	3,117	5	2,124	5
Isle of Man	- -	2,175	0	1,218	19
Total	-	93,053	8	64,572	14

LEAD ORE and LEAD imported and exported during 1850.

IMPORTED.

Lead Ore	- -	Tons. cwts.
Pig and Sheet Lead		1,380 14
White Lead	- -	7,215 19
Retained for home consumption, principally Pig Lead	- }	43 5
		5,265 12

EXPORTED.

Lead Ore	- -	Tons. cwts.
Pig and Rolled Lead	-	180 0
Shot	- -	15,227 8
Litharge	-	1,798 11
Red Lead	- -	502 9
White Lead	- -	1,621 0
		1,675 13

1851.

**COPPER.**

**COPPER ORES** sold by **PUBLIC TICKETINGS** in **CORNWALL**, and by  
**PRIVATE CONTRACT** during the year 1851.

Mines.	Ore.	Copper.				Amount.			Prod.
	Tons.	Tons.	cwts.	qrs.	lbs.	£	s.	d.	
Devon Great Consols -	18,921	1,708	11	2	25	111,082	0	6	9
Par Consols -	6,986	660	2	0	24	44,353	3	0	9 $\frac{3}{8}$ $\frac{1}{16}$
Carnbrea -	7,663	632	8	1	21	42,181	6	6	8 $\frac{1}{4}$
United Mines -	8,181	585	0	3	20	39,001	18	6	7 $\frac{1}{2}$
Huel Buller -	5,747	489	16	3	7	33,913	17	6	8 $\frac{1}{2}$
Huel Basset -	5,442	487	17	3	18	33,324	7	6	8 $\frac{7}{8}$ $\frac{1}{16}$
Tincroft -	7,827	474	0	0	15	29,706	6	0	6 $\frac{1}{8}$
West Caradon -	4,128	443	0	3	23	30,329	17	0	10 $\frac{3}{4}$
Fowey Consols -	5,203	442	3	3	13	28,967	8	6	8 $\frac{1}{2}$
Consolidated Mines -	5,661	407	15	0	24	27,285	5	6	7 $\frac{1}{8}$ $\frac{1}{16}$
North Roskear -	4,548	376	6	2	5	25,844	13	6	8 $\frac{1}{4}$
Huel Seton -	5,471	372	14	1	25	24,708	7	6	6 $\frac{3}{4}$ $\frac{1}{16}$
North Pool -	5,914	334	0	3	11	21,078	10	6	5 $\frac{5}{8}$
Tywarnhaile -	5,649	321	4	2	24	20,304	9	0	5 $\frac{5}{8}$ $\frac{1}{16}$
South Caradon -	2,818	296	9	1	21	20,208	0	6	10 $\frac{1}{2}$
South Huel Francis -	2,709	291	19	3	20	20,351	18	0	10 $\frac{3}{4}$
Alfred Consols -	2,819	270	19	2	0	19,210	14	0	9 $\frac{5}{8}$
Huel Friendship -	2,474	238	4	3	19	16,408	9	0	9 $\frac{5}{8}$
Perran St. George -	3,753	230	15	2	10	14,375	4	0	6 $\frac{1}{8}$
Treviskey -	2,459	214	2	1	11	14,724	2	0	8 $\frac{5}{8}$ $\frac{1}{16}$
South Tolgus -	2,427	208	16	3	2	14,323	7	0	8 $\frac{5}{8}$
Bedford United -	1,700	154	15	1	27	10,341	13	0	9 $\frac{1}{8}$
East Huel Crofty -	2,267	152	15	3	19	10,033	19	6	6 $\frac{3}{4}$
Huel Phoenix	962	147	0	2	22	10,501	13	6	15 $\frac{1}{4}$
Condurrow -	1,707	121	10	0	23	8,057	3	0	7 $\frac{1}{8}$
Camborne Vean	2,067	120	3	1	5	7,618	18	0	5 $\frac{3}{4}$ $\frac{1}{16}$
Levant -	1,539	118	2	1	10	7,350	5	6	7 $\frac{5}{8}$ $\frac{1}{16}$
East Pool -	2,050	106	16	1	20	6,502	10	6	5 $\frac{1}{8}$ $\frac{1}{16}$
Holmbush	1,188	100	6	3	11	6,731	12	0	8 $\frac{3}{8}$ $\frac{1}{16}$
Marke Valley	1,701	91	0	2	19	5,923	10	6	5 $\frac{3}{8}$
Tresavean -	1,850	86	1	3	15	5,100	19	0	4 $\frac{5}{8}$
Treleigh Consols	1,137	81	15	3	12	5,451	7	0	7 $\frac{1}{8}$ $\frac{1}{16}$
West Treasury -	857	73	16	3	26	5,104	14	0	8 $\frac{5}{8}$
Huel Agar -	806	70	7	0	17	4,872	17	0	8 $\frac{3}{4}$
Dolcoath	801	55	8	0	14	3,625	18	0	6 $\frac{7}{8}$ $\frac{1}{16}$
Carried forward -	137,432	10,966	15	0	18	728,900	6	0	

H H 3

Copper Ores sold by Public Ticketings, &c. in Cornwall—*continued.*

Mines.	Ore.	Copper.	Amount.	Prod.
	Tons.	Tons. cwt. qrs. lbs.	£ s. d.	
Brought forward -	137,432	10,966 15 0 18	728,900 6 0	
Huel Comfort - -	1,573	52 16 1 7	2,698 18 0	3 $\frac{3}{8}$
Poldice - -	703	48 5 2 8	3,182 19 6	6 $\frac{7}{8}$
West Fowey Consols -	469	39 14 3 9	2,596 9 0	8 $\frac{1}{2}$
West Seaton - -	532	36 18 3 18	2,459 8 0	6 $\frac{7}{8}$ $\frac{1}{16}$
Huel Mary (Redruth)	513	30 19 3 15	1,969 6 0	6
Huel Ellen - -	392	30 8 2 15	2,049 5 0	7 $\frac{3}{4}$
Wellington Mines	430	30 0 3 15	1,946 13 6	7
West Providence	194	28 16 3 2	2,070 11 0	14 $\frac{7}{8}$
Huel Tremayne -	525	28 9 1 25	1,724 1 0	5 $\frac{3}{8}$ $\frac{1}{16}$
Polberro - -	578	27 12 2 15	1,666 2 0	4 $\frac{3}{4}$
West Huel Jewell -	327	26 7 0 19	1,814 11 0	8 $\frac{1}{16}$
Trethellan	523	25 12 1 18	1,535 18 6	4 $\frac{7}{8}$
Botallack - -	212	21 18 3 16	1,457 14 0	10 $\frac{3}{8}$
East Huel Leisure	355	17 1 2 18	993 18 0	4 $\frac{3}{8}$ $\frac{1}{16}$
Huel Unity Consols -	306	16 13 3 23	1,035 0 0	5 $\frac{3}{8}$ $\frac{1}{16}$
Cooks Kitchen -	226	16 5 0 18	1,068 16 6	7 $\frac{1}{8}$ $\frac{1}{16}$
Gonamena - -	159	16 3 3 27	1,112 8 0	10 $\frac{1}{8}$ $\frac{1}{16}$
Pendarves Consols	258	15 6 0 26	971 14 0	5 $\frac{7}{8}$ $\frac{1}{16}$
Huel Clifford -	174	14 2 1 9	964 4 6	8 $\frac{1}{8}$
Hingston Downs	127	13 19 2 2	978 0 0	11
Huel Henry -	154	13 2 0 9	899 13 6	8 $\frac{1}{2}$
Callington Killibray -	147	11 9 1 25	754 11 6	7 $\frac{3}{4}$
East Huel Rose	93	11 1 0 27	789 10 6	11 $\frac{7}{8}$
Huel Maiden -	134	10 14 2 5	728 13 6	8
Crane and Bejawsa -	103	10 8 0 19	739 14 0	10 $\frac{1}{16}$
Boscundle -	57	9 13 3 5	686 17 0	17
St. Aubyns and Grylls	110	9 8 3 27	639 15 0	8 $\frac{1}{2}$ $\frac{1}{16}$
Trelyon Consols -	100	9 1 3 7	635 1 6	9 $\frac{1}{8}$
Huel Busy - -	173	8 18 3 15	538 4 6	5 $\frac{1}{8}$ $\frac{1}{16}$
Copper Bottom	104	8 15 2 4	610 5 0	8 $\frac{3}{8}$ $\frac{1}{16}$
Huel Gorlana -	93	8 3 3 2	571 17 0	8 $\frac{3}{4}$ $\frac{1}{16}$
Hallamanning - -	123	8 2 1 5	552 6 6	6 $\frac{1}{2}$ $\frac{1}{16}$
West Alfred Consols	130	7 15 0 13	502 0 0	5 $\frac{7}{8}$ $\frac{1}{16}$
Huel Jewell -	114	7 7 3 19	481 16 6	6 $\frac{1}{2}$
Hawks point -	136	7 4 2 1	456 3 6	5 $\frac{1}{4}$ $\frac{1}{16}$
Carried forward -	147,779	11,645 18 2 2	772,782 13 0	

## Copper Ores sold by Public Ticketings, &amp;c. in Cornwall—continued.

Mines.	Ore.	Copper.	Amount.	Prod.
	Tons.	Tons. cwt. qrs. lbs.	£ s. d.	
Brought forward -	147,779	11,645 18 2 2	772,782 13 0	
Carthew Coosols -	113	7 1 2 12	443 12 0	6 $\frac{1}{4}$
Huel Mary (Bodmio) -	118	6 14 0 2	427 0 0	5 $\frac{5}{8}$ $\frac{1}{16}$
Trannack and Boscence -	59	6 10 3 5	456 19 0	11 $\frac{1}{8}$
Providence Mines -	141	6 10 1 26	362 10 0	4 $\frac{5}{8}$
Carvannel -	102	6 10 0 8	416 18 6	6 $\frac{3}{8}$
South Crinnis -	95	5 6 2 20	302 4 0	5 $\frac{5}{8}$
South Huel Speed -	105	5 4 2 6	319 5 6	5
East Godolphin -	96	5 2 1 24	311 13 6	5 $\frac{1}{4}$ $\frac{1}{16}$
Sundries (under 5 Tons) Copper -	1,772	112 9 1 25	7,124 13 0	6 $\frac{1}{4}$ $\frac{1}{16}$
Total -	150,380	11,807 8 2 18	782,947 8 6	

## COPPER ORE sold at SWANSEA by PUBLIC TICKETINGS and by PRIVATE CONTRACT in the year 1851.

Mines.	Ore.	Copper.	Amount.	Prod.
	Tons.	Tons. cwt. qrs. lbs.	£ s. d.	
Cobre -	14,724	2,851 8 3 2	220,619 12 6	19 $\frac{3}{8}$
Bearhaven -	6,969	710 5 3 27	53,810 0 6	10 $\frac{1}{8}$ $\frac{1}{16}$
Cuba -	2,955	508 1 0 9	39,122 1 0	17 $\frac{5}{8}$ $\frac{1}{16}$
Kapunda -	868	304 6 3 7	24,420 4 0	35 $\frac{1}{8}$
Burra Burra -	829	299 15 0 16	23,949 15 6	37 $\frac{1}{8}$ $\frac{1}{16}$
Knockmahon -	3,624	290 11 1 18	21,573 7 6	8
Santiago -	2,036	280 5 0 7	21,353 3 0	13 $\frac{3}{8}$
Chili -	421	160 10 0 11	12,612 9 0	38 $\frac{1}{8}$
Kawaw -	961	138 17 0 20	10,561 7 0	14 $\frac{3}{8}$ $\frac{1}{16}$
Copapo -	406	88 15 2 5	6,919 16 0	21 $\frac{1}{8}$
Spanish Ore -	597	72 2 3 12	5,607 13 6	12 $\frac{1}{8}$
West Kawaw -	423	34 5 3 18	2,492 7 0	8 $\frac{1}{8}$
Montreal -	219	31 15 2 21	2,444 8 6	14 $\frac{1}{8}$
Havannah -	161	23 13 1 13	1,930 4 0	14 $\frac{5}{8}$ $\frac{1}{16}$
Tunckillo -	128	23 0 3 24	1,823 4 0	18
German Ore -	193	17 0 1 26	1,254 3 6	8 $\frac{3}{4}$ $\frac{1}{16}$
Lackamore -	204	16 3 2 4	1,218 8 6	7 $\frac{1}{4}$ $\frac{1}{16}$
Waterloo Slag -	345	15 7 0 23	987 18 0	4 $\frac{3}{8}$ $\frac{1}{16}$
Sydney -	68	14 11 2 25	1,194 11 6	21 $\frac{1}{8}$
Australian -	65	14 7 2 14	1,118 0 0	22 $\frac{1}{4}$
South Australian -	48	11 8 0 0	890 8 0	23 $\frac{3}{8}$
Port Lincoln -	52	11 4 1 0	871 0 0	21 $\frac{1}{8}$
New Zealand -	96	11 0 1 14	848 0 6	11 $\frac{3}{8}$ $\frac{1}{16}$
Paringo -	40	10 0 0 0	785 0 0	25
Gyfron -	49	8 19 2 9	713 6 0	18 $\frac{3}{8}$
Ballinoe -	97	8 16 1 26	542 0 0	9 $\frac{1}{16}$
Ballymurtagh -	104	6 14 1 13	485 6 0	6 $\frac{3}{8}$ $\frac{1}{16}$
Dudley Slag -	137	5 2 3 13	331 6 6	3 $\frac{3}{4}$
Aberdovey -	65	5 1 1 14	375 2 6	7 $\frac{1}{4}$
Sundries -	357	41 6 3 18	3,098 19 0	11 $\frac{1}{2}$ $\frac{1}{16}$
Total -	37,241	6,015 0 2 17	463,953 0 0	14 $\frac{5}{8}$

## COPPER imported into the United Kingdom in 1851.

Ore.	Regulus.	Cast Copper.	Old Copper.	Bars, Rods, &c.	Plates, Coins.	Value.
Tons. cwts. 35,683 18	Tons. cwts. 6,442 5	Tons. cwts. 1,093 1	Tons. cwts. 524 0	Tons. cwts. 3,950 13	Tons. cwts. 22 13	£ s. d. 30,073 13 9

Of this Imported Copper the following countries furnished the largest quantities.

	Ore.	Regulus.	Cast Copper.	Bars and Rods.
	Tons. cwts.	Tons. cwts.	Tons. cwts.	Tons. cwts.
South Australia - - -	4,128 1	185 11	760 0	218 14
New South Wales - - -	951 7	929 2	3 0	34 16
Victoria - - -	615 18	- - -	9 10	—
Van Dieman's Land - - -	199 4	—	—	—
New Zealand - - -	209 18	—	—	—
British North American Colonies -	719 8	—	—	—
Cuba - - -	20,825 8	—	—	—
Chili - - -	3,149 11	4,901 15	212 18	3,022 16
Peru - - -	1,175 19	260 4	- - -	148 14
Bolivia - - -	245 0	—	—	—
West Coast of Africa - - -	11 13	—	—	—
France - - -	1,024 5	19 11	52 10	17 14
Spain - - -	1,082 1	65 8	- - -	2 7
Algeria - - -	879 12	—	—	—
Holland - - -	202 8	-	13 14	8 8

Of this quantity there was re-exported—

Ore.	Regulus.	Cast Copper.	Old Copper.	Bars, Rods, &c.	Plates and Coins.	Value.
Tons. cwts. 190 13	Tons. cwts. 8 0	Tons. cwts. 570 0	Tons. cwts. 25 9	Tons. cwts. 715 17	Tons. cwts. 8 18	£ s. d. 24,779 0 0

## BRITISH COPPER exported.

Ore.	Bricks, Pigs, &c.	Coin.	Sheets, Nails, Yellow Metal.	Wire.	Wrought Copper of other Sorts.	Total.
Tons. cwts. 1 3	Tons. cwts. 5,612 5	Tons. cwts. 75 10	Tons. cwts. 11,050 13	Tons. cwts. 35 15	Tons. cwts. 781 8	Tons. cwts. 17,555 11

**TIN.****PRODUCE OF TIN ORE in CORNWALL and DEVON in 1851:****9,455 Tons.****TIN imported in 1851.**

Countries from which imported.	Tin.		Tin Ore and Regulus.
	Tons.	cwts.	Tons.cwts.
Hanseatic Towns - - -	61	6	—
Holland - - - -	952	15	—
France - - - -	-	-	5 0
Spain - - - -	54	10	—
Egypt - - - -	0	2	—
East Indies (exclusive of Singapore and Ceylon) - - -	459	16	—
Singapore - - -	805	15	—
China (including Hong Kong) -	2	6	—
United States of America - -	178	6	—
Chili - - - -	1	8	—
Peru - - - -	70	17	—
Total Import -	2,587	1	5 0

**TIN exported in 1851.**

	Tons. cwts. qrs. lbs.			
Foreign Tin -	245	9	0	0
British Tin - -	1,011	0	0	0

## LEAD.

PRODUCE of LEAD ORE and LEAD in the UNITED KINGDOM for the Year 1851.

Total of Lead. — Counties.	County.	Mines.	Lead Ore Returns.	Lead Returns.	Tons of Lead. — District.	
Tons. cwt.			Tons. cwt.	Tons. cwt.		
		ENGLAND.				
6,709 3	Cornwall -	Callington - -	597 9	417 18	2,234 0	
		Huel Mary Anne - -	1,265 0	948 14		
		Huel Trelawney - -	1,112 7	840 7		
		Huel Trehane - -	414 0	285 15		
		Tregorden - -	15 0	7 0		
		Herodscnombe - -	—	—		
		Herodsfoot - -	833 0	624 0		
		East Huel Rose - -	3,192 19	2,234 0		
		North Huel Rose - -	354 0	214 3		
		Cargol - -	309 19	184 18		
		Oxams Land - -	70 11	44 15		
		South Cargol - -	42 1	30 0		
		Charity Lands - -	38 15	25 0		
		Dean and Chapter Lands -	6 11	5 0		
		Huel Penhale - -	65 0	42 1		
		Huel Golden - -	429 0	284 5		
		Huel Rose - -	—	—		
		Holmbush - -	30 0	17 15		
		Great Callestook Moors -	—	—		
		Huel Concord - -	—	—		
		Carthew Consols - -	33 0	23 5		
		Great Huel Baddern - -	346 0	244 9		
		Pentire Glaze - -	201 0	119 18		
		Nancekuke - -	159 12	116 0		
1,623 16	Devonshire -	Tamar - -	1,017 18	585 5	585 5	
		Huel Adams - -	230 0	126 7		
		East Tamar Consols - -	384 0	286 3		
		Huel Friendship - -	3 3	2 2		
		South Tamar Consols - -	668 0	474 0		474 0
		South Molton Consols - -	—	—		
		South Maex - -	—	—		
		Huel Exmouth - -	230 0	141 19		
	Cumberland -	Huel Ex - -	18 0	13 0	2,551 8	
		Browngill - -	191 10	137 13		
		Rampgill - -	267 8	187 15		
		Scaleburn - -	83 0	63 7		
		Carrs and Hanging Shaw -	154 0	107 1		
		Capel Cleugh - -	272 0	191 4		
		Small Cleugh - -	74 4	54 16		
		Middle Cleugh - -	77 13	54 12		
		Guddamgill - -	67 17	46 15		
		Long Cleugh - -	2,052 14	1,435 9		1,435 9
		Bentyfield Sun Vein - -	39 16	28 0		
		Cowperdyke Heads - -	202 7	141 0		
		Tynebottom - -	61 19	37 14		
				Priorsdale - -		9 19
Carried forward			15,620 12	10,829 7		

## Produce of Lead Ore and Lead in the United Kingdom for the Year 1851—continued.

Total of Lead. — Counties.	County.	Mines.	Lead Ore Returns.	Lead Returns.	Tons of Lead. — District.
Tons. cwt.			Tons. cwt.	Tons. cwt.	
	Brought forward		15,620 12	10,829 7	
	Cumberland— <i>cont.</i>	Bentyfield Sun, S. E. End	88 17	60 0	
		Brigal Burn - -	133 0	96 7	
		Cow Gap - -	0 11	0 8	
		Dowpot Syke - -	0 8	0 6	
		Fore Shield - -	1 14	1 2	
		Flow Edge - -	1 13	1 2	
		Gutter Gill - -	0 10	0 7	
		Brownlow Hill - -	280 0	195 3	
		Blagill Vein - -	65 2	46 16	
		Carrs West of Nent Vein -	7 18	6 0	
		Black Syke - -	45 2	30 0	
		Hudgill Burn - -	138 12	100 3	
		Farnbury Vein - -	—	—	
		Grassfield - -	30 16	20 10	
		Gillgill Syke - -	89 10	80 1	
		Crag Green, N. Vein -	25 5	18 0	
		Roughtongill - -	—	—	
		Tyne Head - -	48 6	34 0	
		Force Cragg - -	—	—	
		Keswick Mine - -	102 10	73 10	
		Cross Fell Mine - -	166 16	124 0	
6,325 15		Greenside - -	2,000 0	1,420 0	1,420 0
		Holyfield - -	19 0	12 13	
		North Grain Cross Vein -	—	—	
		Thorngill West End - -	33 16	20 1	
		Well Gill Cross Vein - -	50 8	37 3	
		Natrass Middle Vein - -	14 5	11 10	
		Peat Stack Hill - -	20 8	16 9	
		Sunny Side - -	1 1	0 15	
		Slote - -	0 13	0 9	
		Tyne Bottom - -	61 12	33 10	
		Dowke Burn West End -	1 4	1 0	
		Rodderup Cleugh West End - -	1,210 6	823 0	823 0
		Low Birchy Bank - -	29 16	20 10	
		Cald Beck Mine - -	659 4	423 0	
		Wood End - -	13 0	8 0	
		Smittergill Foot Mine -	5 19	4 10	
		Anna Clough - -	60 0	45 0	
		Natrass North Vein - -	1 17	1 6	
		Thorngill East Vein - -	3 1	2 0	
		Park Grove Sun Vein -	10 10	8 2	
		Dry Burn - -	1 1	0 15	
		Howgill Syke - -	13 15	11 0	
		Windy Brow North Vein -	1 2	0 16	
		Claregillhead - -	11 11	9 0	
		Smittergill Head Mine -	42 0	31 10	
		Clargill Burn - -	1 5	1 0	
		Gold Scope - -	14 10	11 0	
	Carried forward		21,128 6	14,671 1	

## Produce of Lead Ore and Lead in the United Kingdom for the Year 1851—continued.

Total of Lead. Counties.	County.	Mines.	Lead Ore Returns.	Lead Returns.	Tons of Lead. District.
Tons. cwt.			Tons. cwt.	Tons. cwt.	
15,488 12	Brought forward Durham and Northumber- land.	East and West Allendale } and Weardale - - }	21,128 6	14,671 1	
		Teesdale Mines - -	13,560 0	9,977 0	9,977 0
		Silver Tongue - -	5,235 6	3,769 1	3,769 1
		Derwent Mines - -	—	—	
		Stanhope Burn - -	1,600 0	1,200 0	1,200 0
		Hollywell - -	340 5	231 1	
		Lanehead - -	26 18	18 0	
		Allergill - -	27 3	20 0	
		Bollihope - -	9 2	6 10	
		Fallowfield - -	10 5	7 0	
		Whitefield - -	162 9	122 0	
		Captain Cleugh - -	20 18	15 0	
		Brandon Walls - -	53 11	38 0	
		Calves - -	108 0	78 0	
		Mellowburry - -	8 9	6 0	
395 14	Westmorland -	Dufton and Silverband, } Hilton, Marton, and } Hardshins - }	1 8	1 0	
5,100 0	Derbyshire -	Sundry Mines - -	591 9	395 14	
3,165 8	Shropshire -	Snail Beach - -	7,900 0	5,100 0	5,100 0
		Bat Holes - -	2,837 0	2,127 0	2,127 0
		Bog Mine - -	517 0	387 14	
		Rorington - -	—	—	
		White Grit - -	83 0	65 0	
	Somersetshire -	Mendip Hills - -	781 0	585 14	
6,232 14	Yorkshire -	Swaledale, Arkendale, and } Hurst - }	—	—	
		Wensleydale - -	5,000 0	3,472 0	3,472 0
		Cononley - -	696 0	500 0	
		Grassington (including } Yarnbury and Coal- } grove Beck) - }	733 10	520 10	
		Pately District - -	1,489 18	997 9	997 9
		Kettlewell and Coniston } Liberty - }	981 7	652 15	625 15
		Total - -	200 0	140 0	
			64,102 4	45,103 10	
		WALES.			
	Cardiganshire -	Lisburne Mine - -	3,406 3	2,753 2	2,753 2
		Cwm-ystryth - -	789 2	637 7	637 0
		Esgair-Lee - -	89 6	68 1	
		Cwm-sebon - -	17 17	8 15	
		Llanfair Clydogan } Goginan - }	—	—	
	Carried forward		845 9	675 3	
			5,147 17	4,142 8	

## Produce of Lead Ore and Lead in the United Kingdom for the year 1851—continued.

Total of Lead, — Counties.	County.	Mines.	Lead Ore Returns.	Lead Returns.	Tons of Lead, — District.
Tons. cwt.			Tons. cwt.	Tons. cwt.	
5,809 7	Brought forward		5,147 17	4,142 8	
	Cardiganshire— <i>continued.</i>	Llower cwm bach - - -	1 14	1 5	
		Llettyhen - - -	22 19	17 5	
		Nant-y-creiau - - -	—	—	
		Penrhew - - -	3 0	20 5	
		Cefn-cwm-brwyno - - -	13 19	11 11	
		Bwlch Consols - - -	445 0	367 1	
		Nanteos - - -	459 0	338 2	
		Llyn Malers - - -	59 13	45 0	
		Court Grange - - -	279 0	216 3	
		Grogwinion - - -	44 10	35 0	
		Brynarian - - -	95 0	76 0	
		Cwm-erfin - - -	187 19	140 14	
		Daren - - -	82 14	53 19	
		Aberyfrwydd - - -	—	—	
		Esgair Hir - - -	5 0	3 10	
		Grogwinion - - -	22 0	16 10	
		Cwm Darren - - -	20 9	14 14	
		Cambriau - - -	40 0	26 0	
		Baramore - - -	38 0	28 0	
		Bronfloyd - - -	12 0	11 0	
		Cefngyntle - - -	13 5	10 0	
		Craigymwyn - - -	23 0	17 0	
		Alty Crib - - -	166 19	218 0	
596 0	Carnarvonshire -	Portmadoc - - -	—	—	
	Cardiganshire	Nant-y-Mwyn - - -	771 0	596 0	596 0
	Denbighshire -	Llangollan - - -	—	—	
	Flintshire -	Talar- { Maes-yr-erwddu } goch { Coetia Llys - }	1,331 0	1,018 1	1,018 1
		Fronfownog - - -	—	—	
		Hendre - - -	392 0	309 7	
		Maes-y-safn - - -	1,074 0	840 0	
		Pen-yr-henblas - - -	667 0	504 3	
		Long Rake - - -	85 0	48 0	
		Milwr - - -	235 0	172 0	
		Penybryn - - -	41 5	24 10	
		Dingle and Deep Level - - -	989 0	730 1	
		Parry's Mines - - -	—	—	
		Westminster Mines - - -	1,651 0	1,071 7	1,071 7
		Halkin Hall - - -	67 15	55 2	
		Bodelwyddan - - -	—	—	
		Belgrave - - -	46 0	33 2	
		Bryn-gwynog - - -	—	—	
		Winster - - -	—	—	
		Orsedd - - -	13 0	9 2	
		Carrigboeth - - -	14 0	10 0	
		Jamaica - - -	399 0	300 0	
		Bwlchgwyn - - -	235 0	211 1	
	Carried forward		15,193 18	11,741 3	

## Produce of Lead Ore and Lead in the United Kingdom for the Year 1851—continued.

Total of Lead. — Counties.	County.	Mines.	Lead Ore Returns.	Lead Returns.	Tons of Lead. — District.
Tons, cwts.			Tons, cwts.	Tons, cwts.	
6,783 13	Brought forward Flintshire—cont.	Billings - -	15,193 18	11,741 3	271 19
		Craigwen - -	17 15	9 0	
		Aberdune - -	12 0	5 2	
		Bryndigri - -	—	—	
		Axton - -	61 0	48 16	
		Pant-du - -	—	—	
		Pant-y-celyn - -	59 0	45 7	
		Pant-y-groes - -	—	—	
		Pant-y-pwll-dwr - -	34 10	25 6	
		Pant-y-ffryth - -	141 0	107 1	
		Strong Croft - -	—	—	
		Talaere - -	336 0	260 2	
		Lloc - -	364 0	278 8	
		Maery-eafu - -	10 5	7 0	
		Merllyn - -	381 0	266 14	
		Panty-mwym or Mold Mines	362 5	271 19	
1,556 8	Montgomeryshire	Plantation - -	15 0	10 10	722 12
		Waste - -	18 0	12 12	
		Sundries under 10 Tons -	133 5	100 0	
		Llangynnog - -	—	—	
		Cae-conroy - -	150 0	114 2	
		Rhos-wydol - -	49 0	38 0	
		Dwn-gwm or Dyfngwm -	45 0	33 14	
		Craig Rhiwarth - -	—	—	
		Bryntail - -	384 0	277 0	
		Gorn - -	47 5	36 0	
63 8	Merionethshire -	Machynlleth, including } Delife - -	1,003 0	772 12	894 13
		Nantmelyn - -	—	—	
		Pen-y-clyn - -	407 1	285 0	
		Barmouth, Port of - -	—	—	
		Cowarch - -	—	—	
894 13	Down - -	Tyddyingbuddel - -	14 0	9 16	894 13
		Dolgelly - -	—	—	
		Eagles Rock - -	76 0	58 12	
		Bwlch-y-plwm - -	—	—	
		Total -	19,314 4	14,813 16	
IRELAND.					
894 13	Clare - -	Kilbricken - -	—	—	894 13
		Ballyhicky - -	—	—	
		Castleblayney - -	—	—	
		Newtownards - -	1,643 11	894 13	
		Conlig - -	191 0	—	
894 13	Cork - -	Bantry - -	—	—	894 13
		Carried forward	1,834 11	894 13	

Produce of Lead Ore and Lead in the United Kingdom for the year 1851—*continued.*

Total of Lead. Counties.	County.	Mines.	Lead Ore Returns.	Lead Returns.	Tons of Lead. District.
Tons. cwt.			Tons. cwt.	Tons. cwt.	
42 0	Brought forward		1,834 11	894 13	
279 4	Galway -	Glengola - - -	60 0	42 0	
	Tipperary -	Shallee - - -	465 5	279 4	
	Monaghan -	Bond and Newry -	—	—	
613 10	Wicklow -	Glenmalure - -	105 0	65 10	
		Luganure - - -	740 0	534 0	534 0
		Wicklow - - -	—	—	
		Arklow - - -	18 0	14 0	
	Wexford -	Barristown - -	—	—	
		Total -	3,222 16	1,829 7	
		SCOTLAND.			
	Ayrshire -	Afton Lead Mines -	—	—	
225 0	Argyleshire -	Strontian Mines -	288 0	225 0	
	Dumbartonshire	Dumbarton - -	—	—	
894 4	Kircudbright- shire.	Cairnsmore - -	481 0	353 0	
		Woodhead - - -	401 0	299 0	
		Black Craig - -	355 0	242 4	
	Perthshire -	Breadalbane - -	—	—	
320 0	Laurelshire -	Lead Hills Mine -	600 0	320 0	
500 0	Dumfriesshire -	Wanlock Head - -	988 0	701 0	500 0
		Total -	3,113 0	2,140 4	
		ISLE OF MAN.			
	Isle of Man -	{ Isle of Man Mining Com- pany - - - }	1,660 0	718 1	718 1
		Laxey - - -	900 0	684 9	684 9
		Douglas - - -	—	—	
		South Manx - -	—	—	
		Total -	2,560 0	1,402 10	

The Welsh ticketings include also the following foreign ores :—

		Lead Ore.	Lead.
		Tons. cwt.	Tons. cwt.
South Australian	-	190 0	138 11
German	-	—	—
Arkansas	-	22 10	16 2
Oporto	-	—	—
Total	-	212 10	154 13

TABLE showing the TOTAL QUANTITY of LEAD ORE raised and smelted in the United Kingdom in 1851.

			Lead Ore.		Lead.	
			Tons.	cwts.	Tons.	cwts.
England	-	-	64,102	4	45,103	9
Wales	-	-	19,314	4	14,813	16
Foreign Ores	-	-	212	10	154	13
Ireland	-	-	3,222	16	1,829	7
Scotland	-	-	3,113	3	2,140	4
Isle of Man	-	-	2,560	0	1,402	10
Total	-	-	92,524	14	65,443	19

## LEAD ORE and LEAD imported and exported during 1851.

## IMPORTED.

					Tons.	cwts.
Lead Ore	-	-	-	-	2,790	0
Pig and Sheet Lead	-	-	-	-	*14,591	0
White Lead	-	-	-	-	47	0
Lead re-exported	-	-	-	-	6,355	0
Retained for home consumption, principally Pig Lead	-	-	-	-	10,326	0

## EXPORTED.

					Tons.	cwts.
Lead Ore	-	-	-	-	133	0
Pig and Rolled Lead	-	-	-	-	18,029	0
Shot	-	-	-	-	1,459	0
Litharge	-	-	-	-	446	0
Red Lead	-	-	-	-	1,499	0
White Lead	-	-	-	-	1,339	0

\* The Lead imported from Spain alone amounted to 14,402 Tons.

**SILVER.****ESTIMATE of SILVER produced from the MINES of GREAT BRITAIN and IRELAND in 1851.**

The produce of Silver stated must be considered as an approximation only, founded upon a general acquaintance with the Mines of the different districts, the only method by which an estimate could be made, and is liable to correction. For this Return the Office is indebted to Mr. John Taylor.

The quantities of Lead in each district are deduced from the foregoing Tables the mean of several years being taken.

Mines producing Lead.	Quantities of Pig Lead in each per annum.	Supposed proportion of Silver in each Ton of Lead.	Number of Ounces of Silver from each district.	Value at Five Shillings per ounce.
	Tons.	Ounces.		£
Cornwall - - - - -	7,304	35	255,640	63,910
Devonshire - - - - -	1,026	40	41,040	10,260
Cumberland - - - - -	5,702	9	51,318	12,829
Durham, Westmorland, and North- umberland }	13,233	12	158,796	39,699
Derbyshire - - - - -	4,250	None.	—	—
Shropshire - - - - -	2,769	None.	—	—
Yorkshire - - - - -	5,223	None.	—	—
Cardiganshire, Carnarvonshire, and Carmarthenshire }	3,492	15	52,380	13,095
Flintshire and Denbighshire - -	8,122	7	56,854	14,213
Montgomeryshire and Merionethshire	679	6	4,074	1,018
Ireland - - - - -	1,380	10	13,800	3,450
Scotland - - - - -	822	8	6,576	1,644
Isle of Man - - - - -	1,699	20	33,980	8,495
	55,701		674,458	168,614

**ESTIMATE of LEAD and SILVER annually imported into GREAT BRITAIN.**

Spanish Lead imported in 1850	-	-	-	6,210 Tons.
Other Lead	-	-	-	1,005 "
				7,215 "
Lead Ore imported in 1850, 1,380 Tons	-	=	1,120 "	of Lead.
			8,335 "	
The average content of Silver may be estimated at	-		20 Oz. per Ton,	
			166,700 Ounces.	
Valued at 5s. per Ounce	-	-	£41,675	
In addition to the Silver obtained from Lead, there is now a large importation of Silver Ores, and argentiferous Copper Ores from Chili, Peru, and other parts of South America. The value of the Silver extracted is probably not less than - £150,000				

1852.

**COPPER.**

**COPPER ORES** sold by **PUBLIC TICKETINGS** in **CORNWALL** and by **PRIVATE CONTRACT** during the year **1852.**

Mines.	Ore.	Copper.	Amount.	Produce.
	Tons.	Tons. cwt. qrs. lbs.	£ s. d.	
Devon Great Consols -	20,802	1,659 2 0 12	134,224 1 0	8
United Mines -	10,233	646 3 1 6	55,462 9 6	6 $\frac{1}{4}$ $\frac{1}{16}$
Huel Buller -	9,310	632 16 0 2	53,257 15 6	6 $\frac{3}{4}$
Par Consols -	5,692	527 15 3 2	43,818 4 6	9 $\frac{1}{4}$
Tincroft -	9,559	515 8 2 5	39,867 7 0	5 $\frac{3}{8}$
Huel Basset -	5,966	503 13 0 8	42,933 11 6	8 $\frac{3}{8}$ $\frac{1}{16}$
Carnbrea -	6,616	472 5 1 6	39,049 5 6	7 $\frac{1}{8}$
West Caradon -	4,048	407 5 1 11	34,812 19 6	10 $\frac{1}{16}$
Fowey Consols -	4,622	380 11 3 3	30,853 6 0	8 $\frac{1}{4}$
Alfred Consols -	3,892	347 3 1 21	29,561 3 0	8 $\frac{7}{8}$ $\frac{1}{16}$
Consolidated Mines -	5,147	344 19 2 7	28,526 14 0	6 $\frac{5}{8}$ $\frac{1}{16}$
Huel Seton -	5,286	314 10 3 23	25,347 13 0	5 $\frac{7}{8}$ $\frac{1}{16}$
North Pool -	5,196	292 3 0 4	23,280 12 6	5 $\frac{5}{8}$
South Caradon -	2,834	276 15 1 15	23,965 14 6	9 $\frac{3}{4}$
North Roskear -	3,202	247 8 0 10	20,466 10 6	7 $\frac{3}{4}$
South Frances -	2,506	225 12 3 2	19,150 14 0	9
South Tolgus -	2,521	210 8 3 16	18,605 15 0	8 $\frac{1}{4}$ $\frac{1}{16}$
Huel Friendship East -	2,048	198 14 2 21	17,263 3 6	9 $\frac{5}{8}$ $\frac{1}{16}$
Perran St. George -	3,775	198 12 3 11	15,385 15 0	5 $\frac{1}{4}$
Hallamanning, &c. -	2,947	197 3 3 23	16,952 1 6	6 $\frac{5}{8}$ $\frac{1}{16}$
North Basset -	2,638	181 6 0 12	15,275 10 0	6 $\frac{7}{8}$
Phoenix Mine -	1,338	156 16 2 22	14,002 11 0	11 $\frac{3}{4}$
Bedford United -	1,871	141 18 2 21	11,986 0 0	7 $\frac{1}{2}$ $\frac{1}{16}$
Treviskey -	1,938	139 17 3 9	11,657 3 0	7 $\frac{1}{8}$ $\frac{1}{16}$
Condurrow -	1,633	126 18 3 26	10,939 15 0	7 $\frac{3}{4}$
West Huel Treasury -	1,595	124 16 1 13	10,831 17 6	7 $\frac{3}{4}$ $\frac{1}{16}$
East Huel Crofty -	1,771	119 6 0 6	10,177 19 0	6 $\frac{3}{4}$
Holmbush -	2,122	117 7 1 2	9,389 19 6	5 $\frac{1}{2}$
Tywarwhaile -	2,092	105 18 3 24	7,476 4 6	5 $\frac{1}{16}$
Levant -	1,333	101 11 3 9	7,993 4 6	7 $\frac{5}{8}$
Tresavean -	2,565	100 2 1 12	7,669 0 0	3 $\frac{7}{8}$ $\frac{1}{16}$
Marke Valley -	2,021	93 5 0 18	7,630 17 6	4 $\frac{5}{8}$
East Pool -	1,740	86 10 1 26	6,845 2 0	5
Carried forward -	140,859	10,194 11 2 16	844,660 16 0	

Copper sold by Public Ticketings, &amp;c. in Cornwall during the year 1852—continued.

Mines.	Ore.	Copper.	Amount.	Produce.
	Tons.	Tons. cwt. qrs. lbs.	£ s. d.	
Brought forward -	140,859	10,194 11 2 $\frac{1}{2}$ 16	844,660 16 0	
West Seton -	885	76 1 3 23	6,622 18 0	8 $\frac{1}{2}$ $\frac{1}{16}$
Camborne Vean	1,397	74 2 0 2	5,852 3 0	5 $\frac{1}{4}$ $\frac{1}{16}$
Treleigh Consols	980	72 2 3 16	6,198 12 6	7 $\frac{3}{8}$
Creegbraws -	1,220	66 14 0 17	5,665 17 6	5 $\frac{3}{8}$ $\frac{1}{16}$
Hingston Downs -	699	66 10 0 25	5,721 4 0	9 $\frac{1}{2}$
Botallack -	629	60 18 0 16	5,036 10 6	9 $\frac{3}{8}$ $\frac{1}{16}$
Huel Clifford -	618	48 0 1 14	4,294 5 6	7 $\frac{3}{4}$
West Fowey Consols -	551	47 9 1 3	3,951 8 6	8 $\frac{3}{8}$
Huel Tremayne -	756	42 15 3 2	3,434 19 0	5 $\frac{3}{8}$ $\frac{1}{16}$
Dolcoath -	832	42 14 3 10	3,344 12 6	5 $\frac{1}{8}$
Huel Agar -	652	42 8 3 27	3,404 5 0	6 $\frac{1}{2}$
Huel Arthur -	483	39 17 2 7	3,559 9 0	8 $\frac{1}{4}$
Huel Comfort -	1,158	39 10 2 21	2,900 3 6	3 $\frac{3}{8}$ $\frac{1}{16}$
Poldice -	568	38 15 0 6	3,258 5 6	6 $\frac{3}{4}$ $\frac{1}{16}$
West Alfred Consols -	623	35 17 3 17	2,952 12 6	5 $\frac{3}{8}$
West Basset -	574	35 9 0 18	3,059 12 0	6 $\frac{3}{8}$ $\frac{1}{16}$
Huel Trebarvah -	474	31 4 3 19	2,635 5 0	6 $\frac{1}{2}$ $\frac{1}{16}$
Huel Speedwell -	436	29 9 2 14	2,525 0 6	6 $\frac{3}{4}$
Crane and Bejawsa -	326	28 17 1 3	2,373 7 0	8 $\frac{7}{8}$
Gonamena -	243	23 15 2 2	2,143 10 0	9 $\frac{3}{4}$
Prideaux Wood	495	23 14 0 4	1,810 15 0	4 $\frac{3}{4}$
Huel Ellen -	366	20 18 1 8	1,690 10 0	5 $\frac{5}{8}$ $\frac{1}{16}$
West Providence -	146	20 14 2 22	1,868 18 6	14 $\frac{1}{8}$ $\frac{1}{16}$
Tavy Consols -	335	19 10 3 18	1,635 11 0	5 $\frac{3}{4}$ $\frac{1}{16}$
Trethellan -	459	18 13 1 20	1,392 13 0	4 $\frac{1}{16}$
Carvannall -	214	18 11 1 12	1,512 16 6	8 $\frac{3}{8}$ $\frac{1}{16}$
Huel Unity Consols -	272	17 18 1 21	1,414 7 6	6 $\frac{1}{2}$ $\frac{1}{16}$
Great Day United -	260	16 15 1 9	1,551 5 6	6 $\frac{3}{8}$ $\frac{1}{16}$
Trannach and Bosence -	196	16 8 0 20	1,359 4 0	8 $\frac{3}{8}$
Great Huel Alfred -	273	16 4 3 4	1,444 9 0	5 $\frac{1}{8}$ $\frac{1}{16}$
West Damsel -	290	15 18 3 9	1,396 9 0	5 $\frac{1}{2}$
Huel Crebor -	209	15 13 1 27	1,344 15 6	7 $\frac{1}{2}$
Hawks Point -	349	15 8 3 0	1,203 12 0	4 $\frac{3}{8}$ $\frac{1}{16}$
West Jewell -	162	15 0 1 25	1,207 14 0	9 $\frac{1}{4}$
Carried forward -	158,989	11,388 19 0 11	944,427 17 6	

Copper Ores sold by Public Ticketings, &c. in Cornwall during the year 1852—*continued.*

Mines.	Ore.	Copper.				Amount.			Produce.
	Tons.	Tons.	cwts.	qrs.	lbs.	£	s.	d.	
Brought forward -	158,989	11,388	19	0	11	944,427	17	6	
Callington Killy Bray -	289	14	18	2	20	1,175	7	6	$5\frac{1}{8} \frac{1}{18}$
North Downs - -	222	14	15	2	27	1,333	10	0	$6\frac{5}{8} \frac{1}{18}$
Pembroke and East Crinnis	265	13	9	0	2	1,103	2	0	$5\frac{1}{18}$
East Huel Leisure -	315	13	3	3	21	907	16	0	$4\frac{1}{8} \frac{1}{18}$
Huel Franco - -	244	12	15	3	4	1,090	4	0	$5\frac{1}{4}$
North Huel Damsel -	165	12	12	0	16	1,215	16	6	$7\frac{5}{8}$
East Seton and Huel Maud	195	12	11	1	24	1,019	1	6	$6\frac{3}{8} \frac{1}{18}$
Huel Bedford - -	267	10	11	3	24	742	14	6	4
Boscawell Downs -	123	10	9	1	13	877	3	6	$8\frac{1}{2}$
Huel Vyvyan - -	178	10	5	1	6	777	7	6	$5\frac{3}{4}$
Huel Russell - -	181	10	4	3	10	763	9	0	$5\frac{5}{8} \frac{1}{18}$
Huel Busy - -	211	10	4	2	15	791	13	6	$4\frac{7}{8}$
West Huel Alfred -	154	9	6	1	4	847	8	0	6
Huel Maiden - -	112	8	16	2	16	748	4	0	$7\frac{7}{8}$
Huel Jewell - -	142	8	3	1	3	668	12	6	$5\frac{3}{4}$
Hawk Moor - -	119	7	13	3	4	637	12	0	$6\frac{7}{8} \frac{1}{18}$
East Croundale - -	72	7	9	3	16	719	5	6	$10\frac{3}{8} \frac{1}{18}$
Huel Squire - -	58	6	13	3	22	573	18	6	$11\frac{1}{2} \frac{1}{18}$
Devon and Courtney -	70	6	10	0	5	570	4	0	$9\frac{1}{4}$
Huel Brewer - -	116	6	7	0	22	573	8	6	$5\frac{1}{2}$
St. Aubyn and Grylls -	75	6	4	2	8	564	16	0	$8\frac{1}{4} \frac{1}{18}$
Devon & Cornwall United	98	5	16	0	10	475	16	0	$5\frac{7}{8} \frac{1}{18}$
Great Huel Leisure -	111	5	12	0	3	415	4	6	5
North Huel Buller -	91	5	10	0	16	463	10	6	6
Boscundle - -	30	5	9	0	14	430	12	6	$18\frac{1}{8} \frac{1}{18}$
Tamar Slag - -	90	5	8	0	0	419	0	0	6
Huel Friendship and Prosper - - }	124	5	4	3	17	384	0	6	$4\frac{1}{4}$
Sundries - -	2,487	141	9	3	7	11,258	18	0	$5\frac{5}{8} \frac{1}{18}$
Total -	165,593	11,776	17	2	24	975,975	14	0	Mean $7\frac{1}{8}$

**COPPER ORE sold in SWANSEA by PUBLIC TICKETINGS and PRIVATE  
CONTRACT in the year 1852.**

Mines.	Ore.	Copper.				Amount.			Prod.
		Tons.	Tons, cwts. qrs. lbs.				£	s. d.	
Cobre - - - -	11,106	2,033	11	1	21	191,699	6	0	$18\frac{1}{4} \frac{1}{16}$
Cuba - - - -	3,799	701	7	0	3	66,663	2	6	$18\frac{3}{8} \frac{1}{16}$
Bearhaven - - -	5,692	591	0	3	10	54,687	19	6	$10\frac{3}{8}$
Kapunda - - -	889	390	13	2	7	39,391	19	0	$43\frac{7}{8} \frac{1}{16}$
Knockmahon - - -	3,471	315	11	1	0	29,285	14	0	$9\frac{1}{16}$
Santiago - - - -	1,272	231	3	0	6	22,558	11	0	$18\frac{1}{8} \frac{1}{16}$
Copiapó - - - -	892	176	15	2	27	16,715	9	6	$19\frac{3}{4} \frac{1}{16}$
Kaw aw - - - -	209	68	3	2	0	6,550	15	6	$32\frac{5}{8}$
Baltimore - - -	266	45	4	0	21	4,198	19	0	17
Montreal - - - -	246	38	0	1	15	3,855	3	6	$15\frac{3}{8} \frac{1}{16}$
Kanmantoo - - -	169	31	7	0	0	3,290	17	6	$18\frac{1}{2} \frac{1}{16}$
Ballymurtagh - - -	556	26	1	2	5	2,266	9	6	$4\frac{5}{8} \frac{1}{16}$
Gyfron - - - -	212	25	18	2	25	2,397	19	0	$12\frac{1}{4}$
French - - - -	524	24	19	3	10	2,207	1	0	$4\frac{3}{4}$
Spanish - - - -	410	24	7	0	17	2,146	4	0	$5\frac{7}{8} \frac{1}{16}$
Waterloo Slag - - -	464	21	6	0	16	1,709	15	6	$4\frac{1}{2} \frac{1}{16}$
Australian - - -	113	19	16	3	0	1,967	14	0	$17\frac{1}{2} \frac{1}{16}$
Sydney - - - -	120	17	1	2	14	1,477	11	6	$14\frac{1}{4}$
Holyford - - - -	89	16	18	1	19	1,802	5	0	19
Severn - - - -	25	8	18	0	16	831	11	0	$35\frac{5}{8}$
Lackamore - - - -	140	8	14	0	14	794	8	0	$6\frac{1}{8} \frac{1}{16}$
Creetoun - - - -	110	8	5	0	22	759	18	6	$7\frac{1}{2}$
Wallah Wallah - - -	35	7	10	3	22	726	17	0	$21\frac{1}{2} \frac{1}{16}$
Glo'ster Slag - - -	49	7	1	1	4	640	17	0	$14\frac{3}{8}$
Molland - - - -	100	6	14	2	21	627	15	6	$6\frac{3}{4}$
Dyliffe - - - -	72	6	1	0	13	566	3	0	$8\frac{3}{8} \frac{1}{16}$
Connorree - - - -	22	5	19	1	10	573	2	0	27
West Kaw aw - - -	64	5	16	3	5	532	16	0	$9\frac{1}{8}$
London - - - -	11	5	10	0	0	541	15	0	50
Cronebane - - - -	25	5	1	3	10	493	10	6	$20\frac{3}{8}$
Sundries - - - -	502	26	17	0	17	2,353	6	0	$5\frac{1}{4} \frac{1}{16}$
<b>Total - - -</b>	<b>31,654</b>	<b>4,901</b>	<b>18</b>	<b>3</b>	<b>6</b>	<b>464,314</b>	<b>16</b>	<b>0</b>	<b>Mean <math>15\frac{1}{2}</math></b>

## COPPER imported into the United Kingdom in 1852.

Ore.	Regulus.	Cast Copper.	Old Copper.	Bars, Rods, &c.	Plates, Coins.	Value.
Tons. cwts.	Tons. cwts.	Tons. cwts.	Tons. cwts.	Tons. cwts.	Tons. cwts.	£ s. d.
37,817 13	5,226 0	2,188 6	968 0	2,993 8	23 1	19,234 10 6

Of this imported Copper the following countries furnished the largest quantities :—

	Ore.	Regulus.	Cast Copper.	Bars or Rods.
	Tons. cwts.	Tons. cwts.	Tons. cwts.	Tons. cwts.
South Australia - - -	8,581 18	401 10	628 13	372 4
New South Wales - - -	115 4	242 0	3 5	0 19
Victoria - - - - -	572 13	—	—	—
British North American Colonies	641 7	—	—	—
Cuba - - - - -	17,661 17	—	—	—
Chili - - - - -	5,569 7	3,684 15	1,098 4	944 18
Peru - - - - -	580 18	54 1	11 17	30 7
Bolivia - - - - -	306 9	—	—	—
West Coast of Africa - - -	53 14	—	—	—
France - - - - -	681 6	277 9	—	100 18
Spain - - - - -	1,934 13	—	180 7	13 12
Italy - - - - -	144 15	—	10 19	44 0
Norway - - - - -	165 17	—	0 11	118 10
Russia - - - - -	—	—	225 12	1,041 10
Tunis - - - - -	100 0	—	—	—
British Territories in the East Indies	119 5	224 0	—	—
United States of America	2 11	324 2	—	1 10

Of this quantity there was re-exported—

Ore.	Cast Copper.	Old Copper.	Bars and Rods.	Value.
Tons. cwts.	Tons. cwts.	Tons. cwts.	Tons. cwts.	£ s. d.
49 15	368 7	310 18	678 4	15,099 0 0

## BRITISH COPPER exported.

Ore.	Bricks, Pigs, &c.	Coin.	Sheet, Nails, Yellow Metal.	Wire.	Wrought Copper of other Sorts.	Total.
Tons. cwts.	Tons. cwts.	Tons. cwts.	Tons. cwts.	Tons. cwts.	Tons. cwts.	Tons. cwts.
0 15	5,913 6	47 17	10,094 7	121 4	759 7	16,936 1

## TIN.

PRODUCE of TIN ORE in CORNWALL and DEVON in 1852.

9,674 Tons.

PRODUCE of some of the principal TIN MINES in the counties of DEVON and CORNWALL for the year ending 1852.

Mines.	Tin Ore.	Mines.	Tin Ore.
	Tons. cwt.		Tons. cwt.
Balleswidden - - -	405 2	Brought forward - -	2,832 12
Great Polgooth - - -	355 10	Huel Bal - - -	10 14
Polberro - - -	222 5	St. Blazey Consols - -	9 14
Drake Walls - - -	218 16	Balnoon do. - - -	8 9
Lewis - - -	204 11	East Margaret - - -	7 7
Porkellis United - - -	190 12	Millpool - - -	7 4
Tincroft - - -	159 0	Carbona - - -	6 18
Huel Lovel - - -	130 4	Tavistock United - -	6 15
Georgia Consols - - -	125 7	Trevena - - -	5 9
Charlestown United - -	80 17	Prince Albert Consols -	5 1
Boscundle - - -	67 8	South Frances - - -	5 0
Tremayne - - -	63 8	Huel Robins - - -	4 9
Rix Hill - - -	60 13	Great Huel Baddern - -	4 1
Levant - - -	57 11	Creeg Braws - - -	4 0
Rocks and Treverbyn - -	56 1	South Speed - - -	3 8
West Huel Towan - - -	49 0	East Balleswidden - -	3 6
Yeoland Consols - - -	44 15	Huel Kitty (Uny Lelant)	3 5
Condurrow - - -	44 11	Grambler St. Aubyn - -	3 1
West Providence - - -	40 4	Huel Friendship - - -	3 0
Trevelyan - - -	35 13	Bosom - - -	2 15
Boscean - - -	23 2	West Downs - - -	2 10
Chyprase Consols - - -	21 11	East Halamanning - -	2 10
Huel Basset - - -	21 0	Huel Anna (Water Stamp)	2 1
East Pool - - -	20 16	Huel Augusta - - -	1 7
Huel Sidney - - -	19 19	West Polgooth and Hewas	1 5
Huel Carne (St. Just)	19 0	Teter Tavy and Mary Tavy	1 2
Par Consols - - -	18 3	Trebell Consols - - -	1 2
Bottle Hill - - -	18 0	Huel Stanley - - -	1 1
Birch Tor and Vitifer - -	15 4	Union Tin - - -	1 0
Huel Unity - - -	11 7	Lamtreroove - - -	0 16
Great Beam - - -	11 4	Park Wynn - - -	0 13
South Charlotte - - -	11 0	Castle Dinas - - -	0 9
Devon United - - -	10 18		
Carried forward - - -	2,832 12	Total - - -	2,952 4

## TIN imported in the year ending 1852.

Countries from which imported.	Tin.				Tin Ore and Regulus.			
	Tons, cwts, qrs, lbs.				Tons, cwts, qrs, lbs.			
Hanseatic Towns - - -	11	5	1	5	—			
Holland - - -	1,307	19	2	4	—			
Belgium - - -	0	15	3	16	—			
Channel Islands - - -	—				1	0	0	0
France - - -	42	5	1	22	9	4	1	19
Portugal - - -	—				11	0	2	6
British Territories in the East Indies, exclusive of Singapore and Ceylon - - -	225	5	2	10	—			
Singapore - - -	750	12	1	18	—			
China (including Hong Kong) -	15	3	1	23	—			
Chili - - -	6	1	1	3	—			
Peru - - -	12	5	2	17	1	5	2	12
Other Parts - - -	0	8	1	13	—			
Total Import -	2,372	2	3	19	22	10	2	9

## TOTAL of TIN exported in the year 1852.

		Tons, cwts, qrs, lbs.			
British Tin - - -	-	941	12	0	0
Foreign Tin - - -	-	433	3	0	0

**LEAD.**

**PRODUCE of LEAD ORE, LEAD, and SILVER in the UNITED KINGDOM for the  
Year 1852.**

Total of Lead Ore, County.	COUNTY.	MINES.	Lead Ore Returns.	Lead Returns.	Silver.	Total of Lead, County.
Tons.		ENGLAND.	Tons. Cwts.	Tons. Cwts.	ozs.	Tons.
8,998 14	Cornwall	Callington - - -	243 0	154 10	7,700	6,220 6½
		Huel Mary Anne - -	994 12	742 0	38,600	
		Huel Trelawney - -	971 19	721 0	33,906	
		North Huel Trelawney -	13 0	9 10	260	
		Huel Trehane - - -	506 0	375 0	22,000	
		Tregorden - - -	9 0*	6 0		
		Herodscombe - - -	—			
		Herodsfoot - - -	663 0	505 11	9,282	
		East Huel Rose - - -	2,381 3	1,607 0	48,000	
		North Huel Rose - -	321 7	211 0	5,900	
		Cargol - - -	70 12	40 0	1,800	
		Oxnam's Lands - - -	39 0	24 10		
		South Cargol - - -	70 12	40 0	1,800	
		Charity Lands - - -	—			
		Dean and Chapter Lands	—			
		Huel Penhale - - -	7 0	5 0	50	
		Huel Golden Consols -	586 0	409 5	7,700	
		Huel Rose - - -	—			
		Holmhush - - -	25 0	14 0½	640	
		Great Callestick Moors -	—			
		Huel Concord - - -	—			
		Carthew Consols - - -	16 10	11 10	120	
		Great Huel Baddern - -	628 0	447 0	9,400	
		Pentire Glaze - - -	372 0	205 0	8,200	
		Nancekuke - - -	338 0	220 0	8,300	
		Huel Albert - - -	14 19	11 4		
		Huel Venton - - -	4 10	3 7		
		Trefrew - - -	29 0	22 0		
		Huel Constance - - -	20 0	12 15	400	
		Treweme - - -	1 15	1 6		
		Wheatley Blue - - -	126 0	90 0	1,200	
		Huel Langford - - -	7 10	5 12		
		Pentire Glaze - - -	372 0	205 0		
		Trelogan - - -	11 10	8 5		
		Tywarnhayle - - -	57 0	41 0		
		Trefrew - - -	20 0	15 10		
		Cubert United Silver Lead	70 0	50 0	750	
		Silver Valley and Huel, }				
		Brothers - - - }	8 15	6 11		
2,921 19	Devonshire	Tamar - - -	919 0	442 0	40,200	1 873 11
		Huel Adams - - -	70 0	38 10	680	
		East Tamar Consols -	305 18	235 10	5,226	
		Huel Friendship - - -	10 0	7 0		
		South Tamar Consols -	950 8	684 16	41,328	
		South Molton Consols -	—			
		Huel Exmouth - - -	634 13	443 15	2,500	
		Huel Ex - - -	—			
Carried forward		Boringdon Consols - -	32 0	22 0	1,300	
			11,920 13	8,093 17½		

\* To 5th May 1852, when the Mine stopped.

## Produce of Lead Ore, Lead, and Silver in the United Kingdom for the Year 1852—continued.

Total of Lead Ore. County.	COUNTY.	MINES.	Lead Ore Returns.	Lead Returns.	Silver.	Total of Lead. County.
Tons.			Tons. Cwts.	Tons. Cwts.	ozs.	Tons.
2,977 4	Brought forward		11,920 13	8,093 17½		
	Devonshire— continued.	Boringdon Park - -	8 0	6 0		1,917 8
		East Boringdon - -	12 15	8 5		
		Wood Mine - -	3 10	2 12		
		True Blue - -	31 0	27 0	100	
	Cumberland	Browngill - -	234 17	164 4		
		Rampgill - -	200 13	140 7		
		Scaleburn - -	92 8	66 13		
		Carrs and Hanging Shaw	101 15	70 14		
		Capel Cleugh - -	297 18	209 8		
	Governor and Company Mines.	Small Cleugh - -	135 11	100 0		
		Middle Cleugh - -	49 17	35 1		
		Guddamgill - -	80 6	55 6		
		Long Cleugh - -	1,656 16	1,158 12		
		Bentyfield Sun Vein -	48 9	34 2		
		Cowperdyke Heads -	83 8	57 12		
		Tynebottom - -	56 12	34 17		
		Priorsdale - -	14 1	8 12		
		Bentyfield Sun, V. E. End				
		Brigal Burn - -	144 18	86 17		
		Cow Gap - -				
		Fore Shield - -				
		Flow Edge - -	3 8	2 5		
		Gutter Gill - -	6 15	4 14		
		Brownley Hill - -	156 16	109 5		
		Blagill Vein - -	57 16	41 11		
		Carrs West of Nent Vein	8 7	6 5		
		Black Syke - -	54 5	36 1		
		Hudgill Burn - -	154 0	111 5		
		Farnbury Vein - -				
		Grassfield - -	29 15	19 16		
		Galligill or Garrigill Syke	79 16	71 7		
6,452 7		Crag Green - -	2 7	1 13		4,518 8
		Tynehead - -	68 5	50 0		
		Force Cragg - -				
		Keswick Mine - -	179 0	137 0		
		Cross Fell Mine - -	88 0	68 0		
		Greenside - -	2,150 0	1,466 0		
		Holyfield - -	47 7	31 10		
		North Grain Cross Vein -				
		West Gill Cross Vein -				
		Nattrass Middle Vein -	13 8	11 2		
		Nattrass North Vein -	1 4	0 18		
		Coatlithe Hill - -	0 6	4 10		
		Fourdarque - -	16 7	12 5		
		Nentsbury Green - -	2 0	1 10		
		Nellgill Crop Vein - -	86 4	64 13		
		Park Grove Vein - -	5 9	4 1		
		Lee House Well - -	16 3	12 2		
		Clargill Head - -	7 2	5 6		
		Peat Stack Hill - -	17 5	14 0		
		Sunny Side - -	0 10	7 0		
		Slote - -	3 3	2 4		
		Dowke Burn West End				
	Carried forward		18,428 5	12,656 2½		

## Produce of Lead Ore, Lead, and Silver in the United Kingdom for the Year 1852—continued.

Total of Lead Ore. County.	COUNTY.	MINES.	Lead Ore Returns.	Lead Returns.	Silver.	Tons of Lead. County.
Tons.			Tons. Cwts.	Tons. Cwts.	ozs.	Tons.
8,410 17	Brought forward Cumberland— <i>continued.</i>	Rodderup Fell -	18,428 5	12,656 2½	600	
		Low Birchy Bank -	1,200 0	811 0		
		Cald Beck Mine -	541 0	385 0		
		Wood End -	8 10	6 0		
		Smittergill Foot Mine -	0 12	0 9		
		Thorngill East Vein -	8 7	6 5		
		Thorngill West End -	13 6	7 17		
		Park Grove Sun Vein -	-	-		
		Dry Burn -	-	-		
		Howgill Syke -	6 14	4 13		
		Windy Brow North Vein	-	-		
		Claregillhead -	-	-		
		Smittergill Head Mine -	15 9	11 0		
		Clargill Burn -	1 9	1 3		
		Gold Scope -	18 5	14 0		
		Yewthwaite -	130 0	101 0		
		{	Blencathara -	4 0		
Skiddaw -	8 0		6 0			
21,594 3	Durham and Northumberland.   					

Produce of Lead Ore, Lead, and Silver in the United Kingdom for the Year 1852—*continued*.

Total of Lead Ore. County.	COUNTY.	MINES.	Lead Ore Returns.	Lead Returns.	Silver.	Tons of Lead. County.
Tons.			Tons. Cwts.	Tons. Cwts.	ozs.	Tons.
	Brought forward		41,980 18	29,994 0½		
499 0	Westmorland -	Dufton and Silverband, Hilton, Murton, and Hard- shins - - - }	499 0	380 2		380 2
8,425 0	Derbyshire -	Eyam Mines - - - Return from Smelters -	87 0 8,338 0	65 0 5,383 0		5,448 0
2,934 10	Shropshire -	Snail Beach - - - Bat Holes - - - Bog Mine - - - Rorington - - - White Grit - - -	2,840 0 - 26 0 68 10 -	2,128 0 - 19 10 53 13 -		2,201 3
100 0	Somersetshire	Mendip Hills - - -	100 0	70 0		70 0
8,472 1	Yorkshire -	Swaledale and Arkendale - Hurst - - - Wensleydale - - - Cononley - - - Grassington (including Yarnbury and Coal- grove Beck) - - - Pately District - - - Kettlewell and Conis- ton Liberty - - - Lunehead - - - Silverband - - -	4,765 0 426 0 2,670 0 554 0 1,530 10 950 0 180 0 32 0 34 11 -	3,240 0 264 0 1,386 0 381 12 1,036 0 632 10 120 0 24 0 22 0 -		5,720 2
		Total -	62,411 9	43,813 7½		
	WALES.					
6,322 1	Cardiganshire	Lisburne Mines - Cwm-ystwyth - Esgair-Llee - Cwm-sebon - Llawr-cwmbach - Llanfair Clydogau - Goginan - Llettyhen - Nant-y-creiau - Cefn-cwm-brwyno - Bwlch Consols - Nanteos - Coedmawr Pool - Court Grange - Grogwinion - Brynarian - Cwm-erfin - Darren -	3,186 0 1,075 0 65 3 - 4 0 - 556 0 27 0 - 190 0 205 0 452 0 62 0 171 0 23 18 31 0 259 0 15 0	2,293 0 784 0 48 0 - 2 16 - 389 0 19 0 - 143 0 157 10 334 10 49 0 120 0 16 8 23 10 180 0 11 15	8,972 2,350 - - - 10,892 - - - 3,925 - 3,600 - - 1,360 275	4,571 9
	Carried forward		6,322 1	4,571 9		

## Produce of Lead Ore, Lead, and Silver in the United Kingdom for the Year 1852—continued.

Total of Lead Ore. County.	COUNTY.	MINES.	Lead Ore Returns.	Lead Returns.	Silver.	Total of Lead. County.
Tons.			Tons. Cwts.	Tons. Cwts.	ozs.	Tons.
7,370 10	Brought forward	East Darren - - -	6,322 1	4,571 9	6,940	5,305 8
	Cardiganshire	Aberyfrwydd - - -	483 0	347 0		
	—continued.	Esgair Mwyn - - -	56 0	42 10		
		Ceregwynon - - -	12 16	9 0		
		Cwm Darren - - -	10 9	7 6	140	
		Cambrian - - -				
		Bryntail - - -	63 0	44 0	120	
		Bronberllan - - -	4 4	3 3		
		Bronfloyd - - -	10 0	7 10	70	
		Graig-goch - - -	96 0	71 0		
		Craigymwyn - - -				
		Alt-y-crib - - -	64 0	42 10		
		Level Newydd - - -	75 0	57 0		
		Frongoch - - -	90 0	40 0		
		Pen-y-cefn - - -	64 0	48 0		
		Melin-Llyn-pair - - -	20 0	15 0	120	
955 0	Carnarvonshire	Portmadoc - - -				
	Carmarthenshire	Nant-y-Mwyn - - -	800 0	624 8		740 3
		Vale of Towy - - -	137 0	102 15		
170 0		St. David - - -	18 0	13 0		127 0
	Denbighshire -	Minera Mines - - -	170 0	127 0		
6,250 5	Flintshire -	Talar- { Maes-yr-erwddu } { Coetia Llys - }	1,431 10	1,087 0	9,800	4,756 5
		Fronfownog - - -	107 0	79 0	400	
		Hendre - - -	153 10	118 0	500	
		Maes-y-safn - - -	685 0	521 0	2,000	
		Pen-yr-henblas - - -	236 0	177 0	1,200	
		Long Rake - - -	16 5	12 0	40	
		Milwr - - -	348 0	265 0	1,500	
		Penybryn - - -	58 0	43 5	160	
		Dingle and Deep Level - - -	665 0	502 0	2,000	
		Parry's Mines - - -				
		Westminster Mines - - -	1,845 0	1,448 0	2,900	
		Halkin Hall - - -				
		Bodelwyddan - - -	109 0	64 0		
		Belgrave - - -				
		Bryn-steddfod - - -	40 0	30 10		
		Orsedd - - -	13 10	10 0	80	
		Jamaica - - -	330 0	240 0	1,200	
		Bwlchgwyn - - -	90 15	70 0		
		Cheney Rake - - -	35 5	26 0	100	
		Aberdune - - -				
		Peoples Brothers - - -	22 5	16 15		
		Axton - - -				
		Pant-du - - -				
		Pant-y-celyn - - -				
		Garrigboeth - - -	30 0	21 0		
		Pant-y-groes - - -				
		Pant-y-pwll-dwr - - -	34 5	25 15	100	
Carried forward			14,745 15	10,928 16		

## Produce of Lead Ore, Lead, and Silver in the United Kingdom for the Year 1852—continued.

Total of Lead Ore. County.	COUNTY.	MINES.	Lead Ore Returns.	Lead Returns.	Silver.	Tons of Lead. County.
Tons.			Tons. Cwts.	Tons. Cwts.	ozs.	
8,565 5	Brought forward		14,830 19	10,995 14		
	Flintshire—cont.	Pant-y-f fryth - - -	167 10	127 15	1,000	
		Strong Croft - - -				
		Talacre - - -	322 0	248 0	1,950	
		Holywell Level - - -	142 0	106 5	200	
		Lloc - - -	196 0	161 10	1,600	
		Merilyn - - -	925 0	707 0	5,600	
		Panty-mwyn or Mold Mines - - -	267 0	200 0	1,200	
		Plantation - - -	29 0	22 10	250	
		Sundries under 10 Tons - - -	266 10	190 10		
					800	
	Montgomery-shire.	Chirk Castle - - -	81 0	64 0		
1,175 0		Cae-conroy - - -	53 0	41 15	250	
		Rhos-wydol - - -	166 0	126 10	620	
		Dwn-gwm or Dyfngwm - - -	25 0	19 5		
		Craig Rhiwarth - - -				
		Bryntail - - -	18 0	13 0	70	
		Gorn - - -	19 0	14 0		
		Machynlleth, including } Delife - - -	750 0	580 0		
		Nantmelyn - - -			3,300	
		Pen-y-clyn - - -				
		Llanerchwyre - - -	63 0	48 0		
28 5	Merionethshire	Barmouth, Port of				
		Llanrwst - - -	115 0	88 0		
		Cowarch - - -				
		Tyddyingbuddel - - -				
		Dolgelly - - -				
		Eagles Rock - - -				
		Bwlch-y-cyran - - -	28 5	21 5		
		Total - - -	18,379 0	13,708 1		
IRELAND.						
472 0	Clare	Kilbricken - - -	72 0	40 0	4,000	
		Ballyhicky - - -				
		Annaghlough - - -	400 0	310 0		
1,844 4	Down -	Newtownards - - -	1,795 0	1,420 0		
		Conlig - - -	49 4	40 0		
18 0	Cork	Bantry - - -	18 0	10 0	70	
53 0	Galway -	Glengola - - -	50 0	39 5	140	
		Galway Mines - - -	3 0	1 19		
52 10	Louth -	Dundalk - - -	52 10	38 15		
	Carried forward		2,439 14	1,899 19		

Produce of Lead Ore, Lead, and Silver in the United Kingdom for the Year 1852—*continued*.

Total of Lead Ore. County.	COUNTY.	MINES.	Lead Ore Returns.	Lead Returns.	Silver.	Tons of Lead. County.
Tons.			Tons. Cwts.	Tons. Cwts.	ozs.	Tons.
	Brought forward		2,439 14	1,899 19		
796 0	Tipperary -	Shallee - - -	287 0	172 4	12,000	517 14
		E. Shallee - - -	433 0	295 0		
		W. Shallee - - -				
		Gorteenadiha - - -	76 0	50 10		
	Monaghan -	Bond and Newry - - -			300	
1,334 0	Wicklow -	Glenmalure - - -	201 0	144 5	950	855 15
		Luganure - - -	1,057 0	661 0	4,822	
	Wexford -	Barristown - - -				
		Total -	4,493 14	3,222 18		
	SCOTLAND.					
270 0	Ayrshire -	Afton Lead Mines - - -			1,000	208 0
	Argyleshire -	Strontian Mines - - -	270 0	208 0		
	Dumbartonshire	Dumbarton - - -				
1,306 0	Kirkcudbright- shire.	Cairnsmore - - -	447 0	340 0		
		Woodhead - - -	282 0	193 2	1,200	968 7
		Black Craig - - -	577 0	435 5		
	Perthshire -	Breadalbane - - -				
1,097 0	Lanarkshire	Lead Hills Mine - - -	1,097 0	585 0		
826 0	Dumfriesshire	Wanlock head - - -	826 0	620 0	4,350	620 0
		Total -	3,499 0	2,381 7		
	ISLE OF MAN,					
	Isle of Man - {	Isle of Man Mining Com- pany - - -	1,600 0	1,224 0	12,224	32,400 40
		Laxey - - -	800 0	600 0		
		South Manx - - -	15 0	11 5		
		Douglas - - -				
		Total -	2,415 0	1,835 5		
		The Welsh ticketings in- clude also the following Foreign ores:—				
		South Australian - - -	30 0	21 0	300	
		Arkansas - - -	8 0	6 0		
		Total -	38 0	27 0		

TABLE showing the TOTAL QUANTITY of LEAD ORE raised and smelted in the UNITED KINGDOM in 1852.

		Lead Ore.		Lead.	
		Tons.	Cwts.	Tons.	Cwts.
England	- - -	62,411	9	43,813	7½
Wales	- - -	18,379	0	13,708	1
Foreign Ores		38	0	27	0
Ireland	- - -	4,493	14	3,222	18
Scotland	- - -	3,499	0	2,381	7
Isle of Man	- - -	2,415	0	1,835	5
Total	- - -	91,236	3	6,4987	18½

## LEAD ORE and LEAD IMPORTED and EXPORTED in 1852.

## IMPORTED.

		Tons.	Cwts.
Lead Ore	- - - -	802	16
Pig and Sheet Lead	- - - -	13,257	2
White Lead	- - - -	63	15

## EXPORTED.

		Tons.	Cwts.
Lead Ore	- - - -	195	0
Pig and Sheet Lead	- - - -	18,641	0
Shot	- - - -	1,355	0
Litharge	- - - -	477	13
Red Lead	- - - -	1,181	15
White Lead	- - - -	1,731	1
Foreign Lead re-exported	- - - -	2,966	14

**SILVER.**

**ESTIMATE of SILVER produced from the MINES of GREAT BRITAIN and IRELAND in 1852.**

County.	Average proportion of Silver in each Ton of Lead.	Ounces of Silver in each district.	Value at Five Shillings per ounce.
	Ounces.		£
Cornwall - - - - -	35	250,008	62,502
Devonshire - - - - -	40	91,340	22,835
Cumberland - - - - -	9	52,893	13,223
Durham, Northumberland, and Westmorland - - - - -	12	191,736	47,934
Cardiganshire, Carnarvonshire, and Carmarthenshire - - - - -	15	91,680	22,920
Flintshire and Denbighshire - - - - -	7	47,138	11,784
Montgomeryshire and Merionethshire - - - - -	6	5,562	1,390
Ireland - - - - -	10	32,220	8,055
Scotland - - - - -	8	19,048	4,762
Isle of Man - - - - -	20	36,700	9,675
		818,325	205,080

The above is only to be regarded as an approximation to the actual produce. Messrs. Walker and Company have very kindly furnished a large number of the returns of Silver, which are appended to the Mines in the foregoing list, and many of the Proprietors of the Mines themselves have communicated the exact produce of Silver from their Lead Ores. Mr. John Taylor has given an estimate of the average proportion of Silver from each County, which his intimate acquaintance with the mining operations of the Country enables him to do with great accuracy, and this has been employed in the determination of the quantities above given, where necessary.

## GENERAL SUMMARY.

PRODUCE of the principal COPPER MINES for the Five Years, 1848-52, both inclusive.

Mines,	Ore.	Copper.	Amount.		
			Tons.	Tons. cwt. qrs. lbs.	£ s. d.
Devon Great Consols - -	88,963	8,192 14 1 22	545,648	13	0
Cairn Brea - - -	44,115	3,964 14 3 2	267,871	1	6
Par Consols - - -	35,672	3,407 18 2 15	228,618	2	0
Consolidated Mines - -	35,446	2,709 19 0 6	183,733	17	6
United Mines - - -	51,896	3,330 16 1 22	226,707	15	6
Fowey Consols - - -	28,311	2,496 19 0 20	165,751	18	0
Huel Seton - - -	27,202	1,858 11 0 20	125,684	13	6
North Roskear - - -	23,976	1,873 13 3 9	127,090	2	0
West Caradon - - -	19,859	2,172 10 0 6	152,388	13	0
South Caradon - - -	15,089	1,570 6 0 17	109,166	16	0
North Pool - - -	30,181	1,819 16 0 25	118,956	10	0
Huel Friendship (East) - -	12,283	1,317 11 2 9	91,999	15	0
South Huel Francis - - -	12,199	1,360 15 1 14	97,396	1	0
Tincroft - - - -	33,415	1,927 6 1 23	125,983	14	0
East Huel Crofty - - -	13,616	951 19 3 22	63,070	10	6
Tresavean - - -	14,152	726 3 0 0	45,207	1	0
Camborne Vean - - -	11,860	786 11 2 3	50,995	2	6
South Huel Basset - - -	21,116	1,942 13 0 21	141,200	19	0
Levant - - - -	9,220	785 7 2 22	50,330	3	0
Treviskey - - - -	11,611	1,029 0 2 13	72,245	10	0
Bedford United Mines - - -	7,726	713 13 0 8	49,753	18	0
Treleigh Consols - - -	5,992	458 12 2 10	31,584	7	6
Penam Saint George - - -	12,029	652 0 2 18	49,741	1	0
Tywarnhaile - - - -	20,737	1,210 8 3 4	77,226	16	0
Huel Comfort - - - -	10,342	407 11 2 3	23,046	18	0
Condurrow - - - -	8,047	579 18 2 3	39,995	10	0
Dolcoath - - - -	5,030	343 7 0 17	22,664	17	6

## GENERAL SUMMARY—continued.

**COPPER.****From ENGLISH MINES.**

	Ore.	Copper.	Value.
	Tons.	Tons. cwt. qrs. lbs.	£ s. d.
1848	147,701	12,241 19 2 5	720,090 17 0
1849	146,326	11,683 13 0 22	763,614 19 0
1850	155,025	12,253 10 2 21	840,410 16 0
1851	150,380	11,807 8 2 18	782,947 8 6
1852	165,593	11,776 17 2 24	975,975 14 0
	765,025	59,943 9 3 6	4,083,039 14 6

**From IRISH, WELSH, and FOREIGN MINES, sold at SWANSEA.**

	Ore.	Copper.	Value.
	Tons.	Tons. cwt. qrs. lbs.	£ s. d.
1848	49,363	8,672 18 0 15	562,418 11 0
1849	43,593	7,540 2 3 22	564,585 16 0
1850	41,586	7,108 8 1 11	549,258 3 6
1851	37,241	6,015 0 2 17	463,953 3 0
1852	31,654	4,901 18 3 6	464,314 16 0
	203,437	34,238 8 3 15	2,604,530 9 6

**TOTAL of COPPER smelted at SWANSEA during the above Five Years.**

	Ore.	Copper.	Value.
	Tons.	lbs.	£ s. d.
English Mines -	765,025	59,943 9 3 6	4,083,039 14 6
Foreign, Irish, and Welsh Mines - }	203,437	34,238 8 3 15	2,604,530 9 6
	968,462	94,181 18 2 21	6,687,570 4 0

GENERAL SUMMARY—*continued.*

## COPPER IMPORTED.

	Ore.	Regulus.	[ Copper.	Value.	
	Tons. cwts.	Tons. cwts.	Tons. cwts.	£ s. d.	
1848	50,053 2	124 2	1,749 13	9,200 9 5	
1849	46,237 4	667 12	2,169 5	25,338 11 10	
1850	40,388 6	5,473 12	5,324 13	35,946 13 6	
1851	35,683 18	6,442 5	5,590 7	30,073 13 9	
1852	37,817 13	5,226 0	6,172 16	19,234 10 0	

## BRITISH COPPER EXPORTED.

	Ore.	Copper.	
	Tons. cwts.	Tons. cwts.	
1848	—	13,466 7	
1849	—	27,480 3	
1850	150 10	21,307 13	
1851	1 3	17,555 11	
1852	15 0	16,936 1	

## TIN.

## Produced in BRITAIN.

	Tons.	
1848	10,176	
1849	10,719	
1850	10,383	
1851	9,455	
1852	9,674	

## GENERAL SUMMARY—continued.

## TIN IMPORTED.

		Tin.	Tin Ore.
		Tons. cwts.	Tons. cwts.
	1848	298 15	33 13
	1849	1,791 2	7 2
	1850	1,685 11	—
	1851	2,387 1	5 0
	1852	2,372 2	22 10

## BRITISH TIN EXPORTED.

		Tons. cwts. qrs. lbs.
	1848	1,797 5 3 10
	1849	1,764 12 0 5
	1850	1,588 1 2 17
	1851	1,011 0 0 0
	1852	941 12 0 0

## LEAD.

## LEAD ORE and LEAD from the MINES of the UNITED KINGDOM.

		Lead Ore.	Lead.
		Tons.	Tons.
	1848	77,864	54,853
	1849	86,773	58,703
	1850	93,043	64,527
	1851	101,964	65,110
	1852	91,236	64,987

## GENERAL SUMMARY—continued.

## LEAD ORE and LEAD IMPORTED.

		Lead Ore.	Lead.	White Lead.
		Tons.	Tons.	Tons.
	1848	1,298	3,788	—
	1849	1,381	7,126	44
	1850	1,380	7,215	43
	1851	2,790	14,591	47
	1852	802	13,257	64

## BRITISH LEAD ORE and LEAD EXPORTED.

		Lead Ore.	Lead.	Litharge, White and Red Lead.
		Tons.	Tons.	Tons.
	1848	135	6,128	2,292
	1849	181	17,025	3,798
	1850	180	17,206	3,798
	1851	133	19,488	3,784
	1852	195	19,996	3,389

## SILVER.

The quantity of Silver produced from British Lead in 1852 was about 818,325 ounces; valued at £205,080.

The Imports of Silver Ore have been rapidly increasing, but they cannot be, at present, correctly ascertained. We are informed that at least £10,000 worth are sold regularly each week at Swansea, and a larger quantity at Liverpool.

# I N D E X.

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	Page
Copper Ores sold in Cornwall, 1848	416
Ditto     sold in Swansea, 1848	417
Copper imported and exported, 1848	418
Tin produced in Cornwall and Devon in 1848	420
Tin exported and imported in 1848 and Ten preceding Years	420
Lead Ore and Lead Produce of 1848	421
Lead Ore and Lead imported and exported in ditto	425
Copper Ore sold in Cornwall, 1849	426
Ditto     Swansea, 1849	427
Copper imported and exported, 1849	428
Tin produced in Devon and Cornwall, 1849	429
Tin imported and exported	429
Lead Ore and Lead, Produce of, 1849	430
Lead Ore and Lead imported and exported, 1849	435
Copper Ores sold in Cornwall, 1850	436
Ditto     sold in Swansea, 1850	438
Copper imported and exported, 1850	439
Tin produced in Cornwall and Devon, 1850	440
Tin exported and imported, 1850	440
Lead Ore and Lead, Produce of, 1850	441
Lead Ore and Lead imported and exported, 1850	446
Copper Ores sold in Cornwall, 1851	447
Ditto     sold in Swansea, 1851	449
Copper imported and exported, 1851	450
Tin produced in Cornwall and Devon in 1851	451
Tin exported and imported, 1851	451
Lead Ore and Lead, Produce for 1851	452
Lead Ore and Lead imported and exported in 1851	458
Estimate of Lead and Silver for 1851	459
Copper Ore sold in Cornwall, 1852	460
Ditto     sold in Swansea, 1852	463
Copper imported and exported, 1852	464
Tin produced in Cornwall, 1852	465
Tin exported and imported, 1852	466
Lead Ore and Lead, Produce in 1852	467
Lead Ore and Lead imported and exported in 1852	474
Silver produced in Britain, 1852	475

# INDEX.

	Page
Produce of principal Copper Mines for Five Years	- 476
Copper for Five Years from British Mines	- 477
Ditto - ditto from Irish, Welsh, and Foreign Mines	- 477
Ditto - ditto Imports and Exports	- 478
Tin produced during Five Years	- 478
Tin imported and exported during Five Years	- 479
Lead Ore and Lead Produce, ditto	- 479
Lead Ore and Lead imported, ditto	480
Silver Produce and Imports in 1852	480

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PUBLISHED BY MESSRS. LONGMAN & Co. FOR HER MAJESTY'S STATIONERY OFFICE.

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